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TERMINAL (ENTER 1, 2, 3, OR ?):2

\* \* \* \* \* Welcome to STN International \* \* \* \* \*

NEWS	1		Web Page for STN Seminar Schedule - N. America
NEWS	2	OCT 04	Precision of EMBASE searching enhanced with new chemical name field
NEWS	3	OCT 06	Increase your retrieval consistency with new formats or for Taiwanese application numbers in CA/CAPLUS.
NEWS	4	OCT 21	CA/CAPLUS kind code changes for Chinese patents increase consistency, save time
NEWS	5	OCT 22	New version of STN Viewer preserves custom highlighting of terms when patent documents are saved in .rtf format
NEWS	6	OCT 28	INPADOCDB/INPAFAMDB: Enhancements to the US national patent classification.
NEWS	7	NOV 03	New format for Korean patent application numbers in CA/CAPLUS increases consistency, saves time.
NEWS	8	NOV 04	Selected STN databases scheduled for removal on December 31, 2010
NEWS	9	NOV 18	PROUSDDR and SYNTHLINE Scheduled for Removal December 31, 2010 by Request of Prous Science
NEWS	10	NOV 22	Higher System Limits Increase the Power of STN Substance-Based Searching
NEWS	11	NOV 24	Search an additional 46,850 records with MEDLINE backfile extension to 1946
NEWS	12	DEC 14	New PNK Field Allows More Precise Crossover among STN Patent Databases
NEWS	13	DEC 18	ReaxysFile available on STN
NEWS	14	DEC 21	CAS Learning Solutions -- a new online training experience
NEWS	15	DEC 22	Value-Added Indexing Improves Access to World Traditional Medicine Patents in CAPLUS
NEWS	16	JAN 24	The new and enhanced DPCI file on STN has been released
NEWS	17	JAN 26	Improved Timeliness of CAS Indexing Adds Value to USPATFULL and USPAT2 Chemistry Patents
NEWS	18	JAN 26	Updated MeSH vocabulary, new structured abstracts, and other enhancements improve searching in STN reload of MEDLINE
NEWS	19	JAN 28	CABA will be updated weekly

NEWS EXPRESS FEBRUARY 15 10 CURRENT WINDOWS VERSION IS V8.4.2,  
AND CURRENT DISCOVER FILE IS DATED 07 JULY 2010.

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NEWS LOGIN Welcome Banner and News Items

Enter NEWS followed by the item number or name to see news on that specific topic.

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\* \* \* \* \* STN Columbus \* \* \* \* \*

FILE 'HOME' ENTERED AT 15:22:22 ON 06 FEB 2011

=> file reg

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.69	0.69

FILE 'REGISTRY' ENTERED AT 15:24:11 ON 06 FEB 2011

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STRUCTURE FILE UPDATES: 4 FEB 2011 HIGHEST RN 1262190-08-8

DICTIONARY FILE UPDATES: 4 FEB 2011 HIGHEST RN 1262190-08-8

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH June 26, 2010.

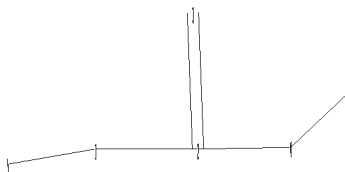
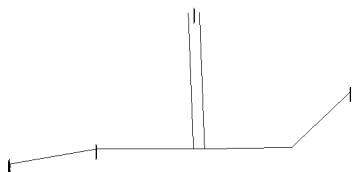
Please note that search-term pricing does apply when conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stngen/stndoc/properties.html>

=>

Uploading C:\Program Files\STNEXP\Queries\1001.str



chain nodes :

1 2 3 4 5 7

chain bonds :

1-2 1-5 2-3 2-4 4-7

exact/norm bonds :

1-2 1-5 2-3 4-7

exact bonds :

2-4

Match level :

1:CLASS 2:CLASS 3:CLASS 4:CLASS 5:CLASS 7:CLASS

Generic attributes :  
5:  
Number of Carbon Atoms : 7 or more  
  
Element Count :  
Node 5: Limited  
C,C16-24

L1           STRUCTURE UPLOADED

=> s l1 sss full  
FULL SEARCH INITIATED 15:24:20 FILE 'REGISTRY'  
FULL SCREEN SEARCH COMPLETED - 5562637 TO ITERATE

12.3% PROCESSED	683400 ITERATIONS	174 ANSWERS
13.6% PROCESSED	757093 ITERATIONS	174 ANSWERS
14.1% PROCESSED	782303 ITERATIONS	175 ANSWERS
100.0% PROCESSED	5562637 ITERATIONS	3088 ANSWERS

SEARCH TIME: 00.01.01

L2           3088 SEA SSS FUL L1

=> file reg		
COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	197.37	198.06

FILE 'REGISTRY' ENTERED AT 15:25:24 ON 06 FEB 2011  
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.  
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Property values tagged with IC are from the ZIC/VINITI data file  
provided by InfoChem.

STRUCTURE FILE UPDATES:    4 FEB 2011   HIGHEST RN 1262190-08-8  
DICTIONARY FILE UPDATES:   4 FEB 2011   HIGHEST RN 1262190-08-8

New CAS Information Use Policies, enter HELP USAGETERMS for details.

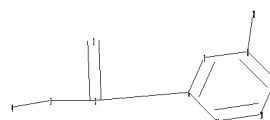
TSCA INFORMATION NOW CURRENT THROUGH June 26, 2010.

Please note that search-term pricing does apply when  
conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and  
predicted properties as well as tags indicating availability of  
experimental property data in the original document. For information  
on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stngen/stndoc/properties.html>

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Uploading C:\Program Files\STNEXP\Queries\dkjdn.str



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chain nodes :
1  2  3  4  12
ring nodes :
6  7  8  9  10  11
chain bonds :
1-2  1-4  2-3  2-6  8-12
ring bonds :
6-11  6-7  7-8  8-9  9-10  10-11
exact/norm bonds :
1-2  1-4  2-3  8-12
exact bonds :
2-6
normalized bonds :
6-11  6-7  7-8  8-9  9-10  10-11

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G1:Hy,Ak

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Match level :
1:CLASS  2:CLASS  3:CLASS  4:CLASS  6:Atom  7:Atom  8:Atom  9:Atom  10:Atom
11:Atom  12:CLASS
Generic attributes :
4:
Number of Carbon Atoms : 7 or more

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Element Count :  
Node 4: Limited  
C,C16-24

L3           STRUCTURE UPLOADED

=> s 13 sss full  
FULL SEARCH INITIATED 15:27:05 FILE 'REGISTRY'  
FULL SCREEN SEARCH COMPLETED - 993989 TO ITERATE

100.0% PROCESSED   993989 ITERATIONS                   24 ANSWERS  
SEARCH TIME: 00.00.05

L4                   24 SEA SSS FUL L3

=> file capl		
COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	197.88	395.94

FILE 'CAPLUS' ENTERED AT 15:27:13 ON 06 FEB 2011  
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.  
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FILE COVERS 1907 - 6 Feb 2011 VOL 154 ISS 7  
FILE LAST UPDATED: 4 Feb 2011 (20110204/ED)  
REVISED CLASS FIELDS (/NCL) LAST RELOADED: Oct 2010  
USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE: Oct 2010

CAplus now includes complete International Patent Classification (IPC) reclassification data for the fourth quarter of 2010.

CAS Information Use Policies apply and are available at:

<http://www.cas.org/legal/infopolicy.html>

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s 14  
L5                   11 L4

=> d 15 1-11 ibib hitstr

L5 ANSWER 1 OF 11 CAPLUS COPYRIGHT 2011 ACS on STN

ACCESSION NUMBER: 2004:331902 CAPLUS

DOCUMENT NUMBER: 140:350562

TITLE: Basic esters of fatty alcohols and their use as antiinflammatory or immunomodulatory agents

INVENTOR(S): Shinitzky, Meir; Cohen, Irun R.; Margalit, Raanan; Herzig, Yaacov; Sterling, Jeffrey; Toth, Gyorgy; Miskolczi, Istvan; Rantal, Ferenc; Tamas, Tivadar

PATENT ASSIGNEE(S): Yeda Research and Development Co. Ltd., Israel

SOURCE: PCT Int. Appl., 106 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004032824	A2	20040422	WO 2003-IL820	20031009
WO 2004032824	A3	20040826		
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
CA 2501318	A1	20040422	CA 2003-2501318	20031009
AU 2003269466	A1	20040504	AU 2003-269466	20031009
AU 2003269466	B2	20090820		
BR 2003014554	A	20050809	BR 2003-14554	20031009
CN 1703394	A	20051130	CN 2003-80101149	20031009
JP 2006502213	T	20060119	JP 2004-542766	20031009
ZA 2005002613	A	20061025	ZA 2005-2613	20031009
NZ 539106	A	20070223	NZ 2003-539106	20031009
RU 2337093	C2	20081027	RU 2005-114374	20031009
IN 2005DN01363	A	20090109	IN 2005-DN1363	20050405
MX 2005003870	A	20050622	MX 2005-3870	20050408
NO 2005002229	A	20050706	NO 2005-2229	20050509
US 20060173053	A1	20060803	US 2003-530776	20051219

PRIORITY APPLN. INFO.: US 2002-417157P P 20021010  
WO 2003-IL820 W 20031009

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT

OTHER SOURCE(S): MARPAT 140:350562

IT 681235-71-2P 681235-76-7P 681235-81-4P  
681235-87-0P

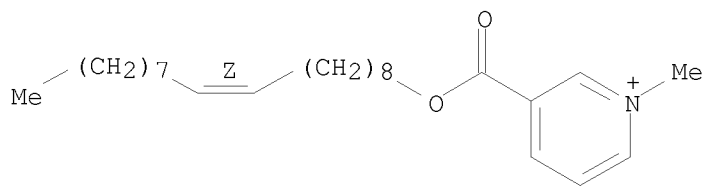
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(basic esters of fatty alcs. and use as antiinflammatory or immunomodulatory agents)

RN 681235-71-2 CAPLUS

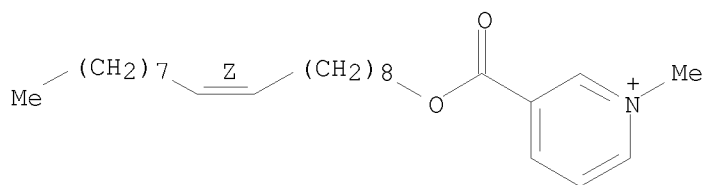
CN Pyridinium, 1-methyl-3-[[ (9Z)-9-octadecen-1-yloxy]carbonyl]-, iodide (1:1)  
(CA INDEX NAME)

Double bond geometry as shown.



RN 681235-76-7 CAPLUS  
 CN Pyridinium, 1-methyl-3-[[ (9Z)-9-octadecen-1-yloxy]carbonyl]-, chloride  
 (1:1) (CA INDEX NAME)

Double bond geometry as shown.

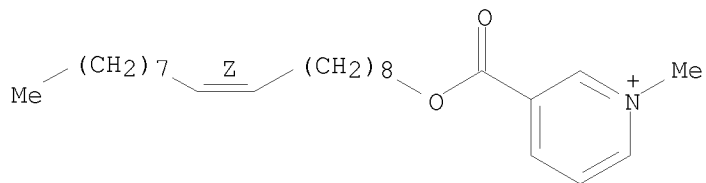


RN 681235-81-4 CAPLUS  
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 4-methylbenzenesulfonate (1:1) (CA INDEX NAME)

CM 1

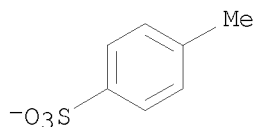
CRN 681235-80-3  
 CMF C25 H42 N O2

Double bond geometry as shown.



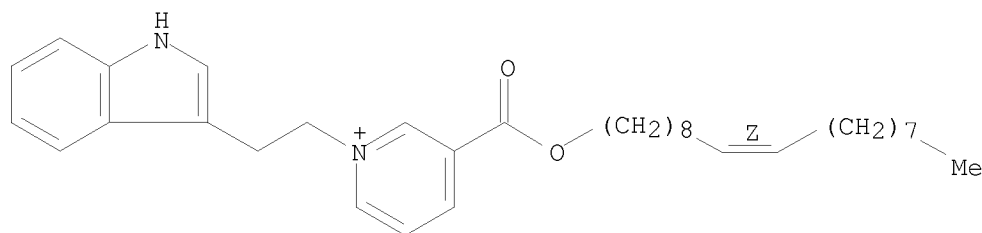
CM 2

CRN 16722-51-3  
 CMF C7 H7 O3 S



RN 681235-87-0 CAPLUS  
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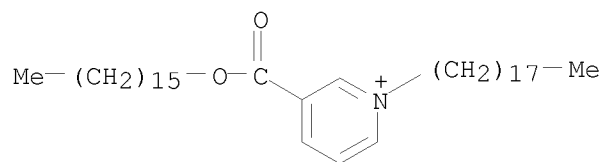
Double bond geometry as shown.



OS.CITING REF COUNT: 4 THERE ARE 4 CAPLUS RECORDS THAT CITE THIS RECORD (4 CITINGS)  
 REFERENCE COUNT: 9 THERE ARE 9 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 2 OF 11 CAPLUS COPYRIGHT 2011 ACS on STN  
 ACCESSION NUMBER: 2004:166432 CAPLUS  
 DOCUMENT NUMBER: 140:362842  
 TITLE: Sunfish amphiphiles: Conceptually new carriers for DNA delivery  
 AUTHOR(S): Hulst, Ron; Muizebelt, Inouk; Oosting, Peter; van der Pol, Cornelia; Wagenaar, Anno; Smisterova, Jarmila; Bulten, Erna; Driessen, Cecile; Hoekstra, Dick; Engberts, Jan B. F. N.  
 CORPORATE SOURCE: Physical Organic Chemistry Unit, Stratingh Institute, University of Groningen, Groningen, 9747 AG, Neth.  
 SOURCE: European Journal of Organic Chemistry (2004), (4), 835-849  
 CODEN: EJOCFK; ISSN: 1434-193X  
 PUBLISHER: Wiley-VCH Verlag GmbH & Co. KGaA  
 DOCUMENT TYPE: Journal  
 LANGUAGE: English  
 IT 681442-02-4DP, complexes with plasmid DNA  
 681442-03-5DP, complexes with plasmid DNA  
 RL: BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)  
 (synthesis of pyridinium sunfish amphiphiles as new carriers for DNA delivery)  
 RN 681442-02-4 CAPLUS  
 CN Pyridinium, 3-[(hexadecyloxy)carbonyl]-1-octadecyl-, chloride (1:1) (CA INDEX NAME)

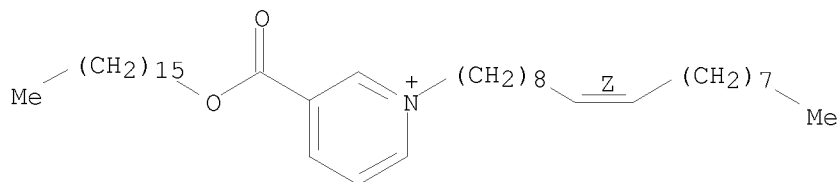




RN 681442-03-5 CAPLUS

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Double bond geometry as shown.



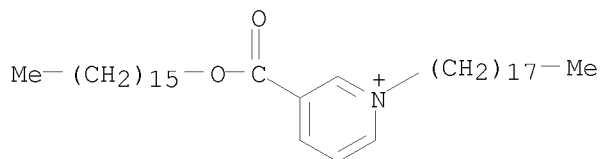
IT 681442-02-4P 681442-03-5P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(synthesis of pyridinium sunfish amphiphiles as new carriers for DNA delivery)

RN 681442-02-4 CAPLUS

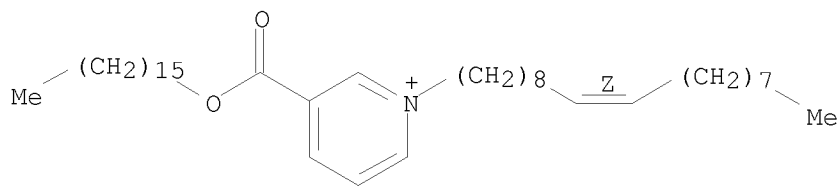
CN Pyridinium, 3-[(hexadecyloxy)carbonyl]-1-octadecyl-, chloride (1:1) (CA INDEX NAME)



RN 681442-03-5 CAPLUS

CN Pyridinium, 3-[(hexadecyloxy)carbonyl]-1-(9Z)-9-octadecen-1-yl-, chloride (1:1) (CA INDEX NAME)

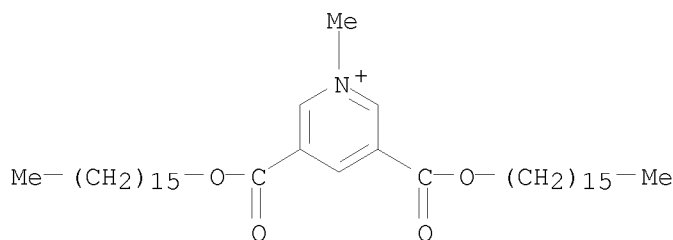
Double bond geometry as shown.



● Cl<sup>-</sup>

OS.CITING REF COUNT: 15 THERE ARE 15 CAPLUS RECORDS THAT CITE THIS  
RECORD (15 CITINGS)  
REFERENCE COUNT: 46 THERE ARE 46 CITED REFERENCES AVAILABLE FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

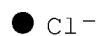
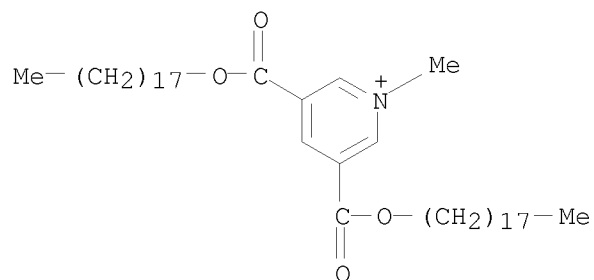
L5 ANSWER 3 OF 11 CAPLUS COPYRIGHT 2011 ACS on STN  
ACCESSION NUMBER: 2003:944701 CAPLUS  
DOCUMENT NUMBER: 140:133644  
TITLE: Novel biodegradable pyridinium amphiphiles for gene  
delivery  
AUTHOR(S): Pijper, Dirk; Bulten, Erna; Smisterova, Jarmila;  
Wagenaar, Anno; Hoekstra, Dick; Engberts, Jan B. F.  
N.; Hulst, Ron  
CORPORATE SOURCE: Physical Organic Chemistry Unit, Stratingh Institute,  
University of Groningen, Groningen, 9747 AG, Neth.  
SOURCE: European Journal of Organic Chemistry (2003), (22),  
4406-4412  
CODEN: EJOCFK; ISSN: 1434-193X  
PUBLISHER: Wiley-VCH Verlag GmbH & Co. KGaA  
DOCUMENT TYPE: Journal  
LANGUAGE: English  
IT 80243-89-6P 187587-98-0P 648880-83-5P  
648880-86-8P  
RL: PRP (Properties); SPN (Synthetic preparation); THU (Therapeutic use);  
BIOL (Biological study); PREP (Preparation); USES (Uses)  
(biodegradable pyridinium amphiphiles for gene delivery)  
RN 80243-89-6 CAPLUS  
CN Pyridinium, 3,5-bis[(hexadecyloxy)carbonyl]-1-methyl-, chloride (1:1) (CA  
INDEX NAME)



● Cl<sup>-</sup>

RN 187587-98-0 CAPLUS  
CN Pyridinium, 1-methyl-3,5-bis[(octadecyloxy)carbonyl]-, chloride (1:1) (CA

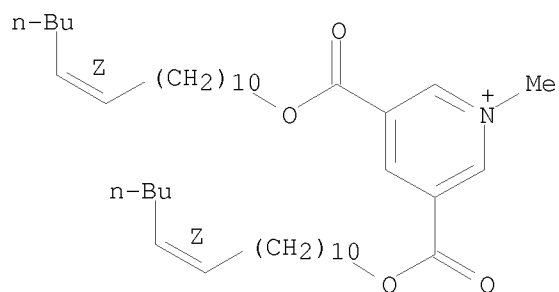
INDEX NAME)



RN 648880-83-5 CAPLUS

CN Pyridinium, 3,5-bis[[ (11Z)-11-hexadecen-1-yloxy]carbonyl]-1-methyl-, chloride (1:1) (CA INDEX NAME)

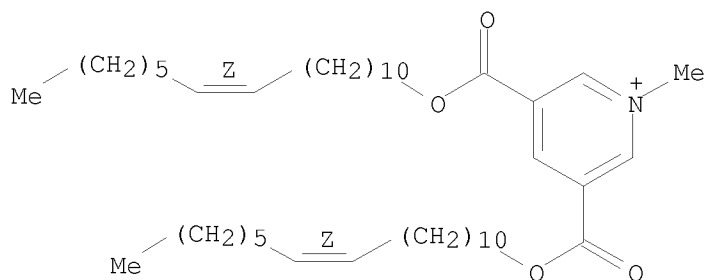
Double bond geometry as shown.



RN 648880-86-8 CAPLUS

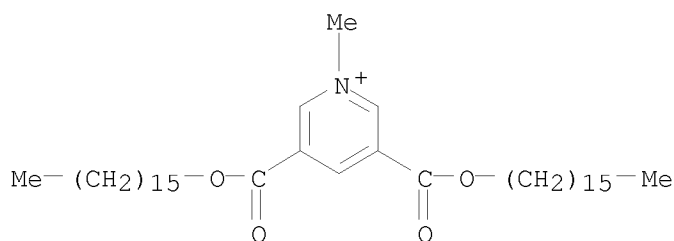
CN Pyridinium, 1-methyl-3,5-bis[[ (11Z)-11-octadecen-1-yloxy]carbonyl]-, chloride (1:1) (CA INDEX NAME)

Double bond geometry as shown.



● Cl<sup>-</sup>

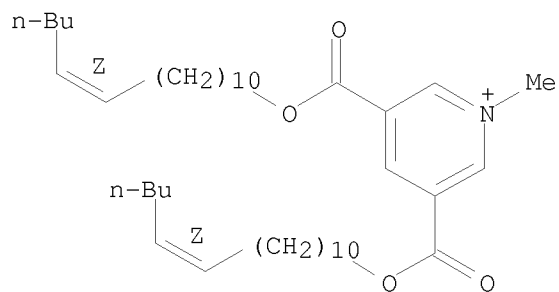
IT 73570-94-2P 648880-84-6P 648880-85-7P  
 648880-87-9P  
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT  
 (Reactant or reagent)  
 (biodegradable pyridinium amphiphiles for gene delivery)  
 RN 73570-94-2 CAPLUS  
 CN Pyridinium, 3,5-bis[(hexadecyloxy)carbonyl]-1-methyl-, iodide (1:1) (CA  
 INDEX NAME)



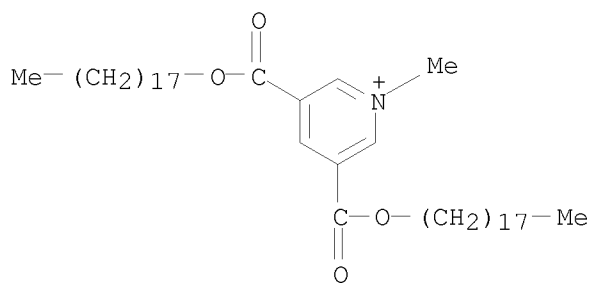
● I<sup>-</sup>

RN 648880-84-6 CAPLUS  
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 iodide (1:1) (CA INDEX NAME)

Double bond geometry as shown.

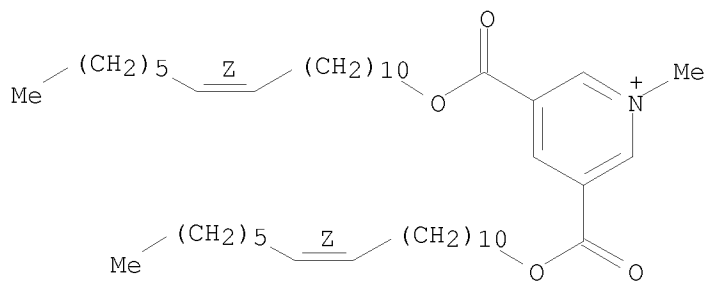


RN 648880-85-7 CAPLUS  
 CN Pyridinium, 1-methyl-3,5-bis[(octadecyloxy)carbonyl]-, iodide (1:1) (CA INDEX NAME)



RN 648880-87-9 CAPLUS  
 CN Pyridinium, 1-methyl-3,5-bis[[ (11Z)-11-octadecen-1-yloxy]carbonyl]-, iodide (1:1) (CA INDEX NAME)

Double bond geometry as shown.



OS.CITING REF COUNT: 9 THERE ARE 9 CAPLUS RECORDS THAT CITE THIS RECORD

(9 CITINGS)

REFERENCE COUNT: 36 THERE ARE 36 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 4 OF 11 CAPLUS COPYRIGHT 2011 ACS on STN

ACCESSION NUMBER: 2002:495629 CAPLUS

DOCUMENT NUMBER: 137:209931

TITLE: Synthesis of rod-like ruthenium complexes of 1,2-naphthoquinone-1-oxime

AUTHOR(S): Liu, Xiao-Xia; Sun, Ke; Wong, Wing-Tak; Niu, Jian-Jun; Zhang, Bao-Yan

CORPORATE SOURCE: Dept. of Chemistry, Northeastern Univ., Shenyang, 110004, Peop. Rep. China

SOURCE: Huaxue Xuebao (2002), 60(6), 1058-1064  
CODEN: HHHPA4; ISSN: 0567-7351

PUBLISHER: Kexue Chubanshe

DOCUMENT TYPE: Journal

LANGUAGE: Chinese

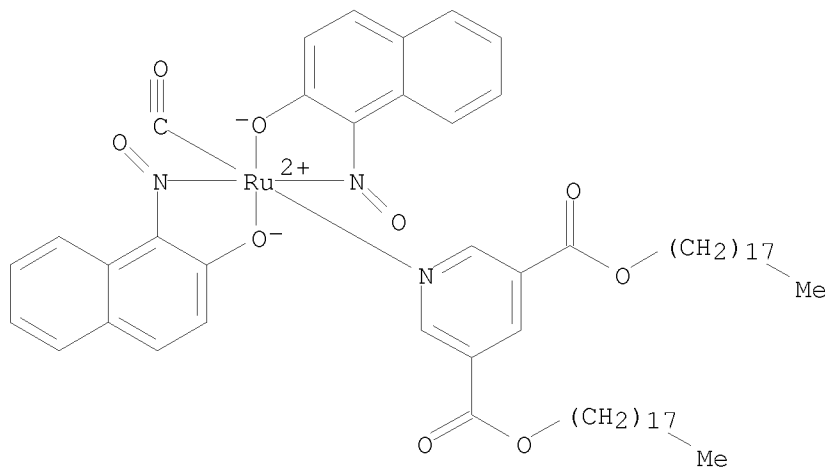
OTHER SOURCE(S): CASREACT 137:209931

IT 454422-64-1P 454422-65-2P

RL: SPN (Synthetic preparation); PREP (Preparation)  
(preparation of)

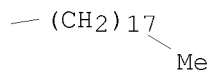
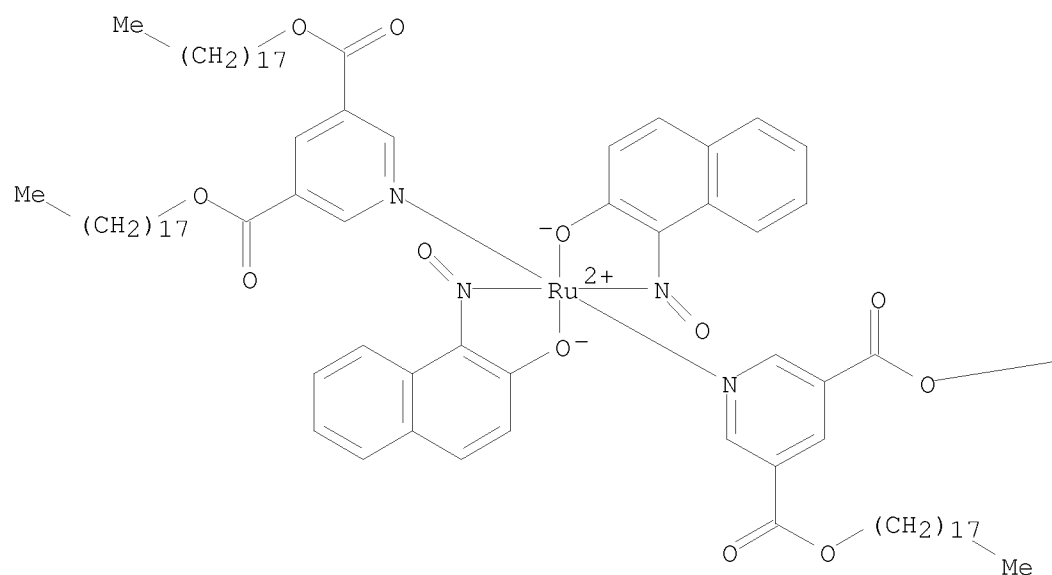
RN 454422-64-1 CAPLUS

CN Ruthenium, carbonyl(dioctadecyl 3,5-pyridinedicarboxylate- $\kappa$ N1)bis[1-(nitroso- $\kappa$ N)-2-naphthalenolato- $\kappa$ O]-, (OC-6-42)- (CA INDEX NAME)



RN 454422-65-2 CAPLUS

CN Ruthenium, bis(dioctadecyl 3,5-pyridinedicarboxylate- $\kappa$ N1)bis[1-(nitroso- $\kappa$ N)-2-naphthalenolato- $\kappa$ O]-, (OC-6-12)- (CA INDEX NAME)



OS.CITING REF COUNT: 2 THERE ARE 2 CAPLUS RECORDS THAT CITE THIS RECORD  
(2 CITINGS)

L5 ANSWER 5 OF 11 CAPLUS COPYRIGHT 2011 ACS on STN

ACCESSION NUMBER: 1997:195625 CAPLUS

DOCUMENT NUMBER: 126:199459

ORIGINAL REFERENCE NO.: 126:38559a, 38562a

TITLE: Preparation of fatty alkyl-N-alkylpyridinium halides  
as transport vehicles for macromolecules

INVENTOR(S): Engberts, Jan Bernard Frederik Nicolass; Wagenaar,  
Anno; Hoekstra, Dirk; Van Der Woude, Irene; Ruiters,  
Marcel Herman Jozef

PATENT ASSIGNEE(S): Stichting Voor De Technische Wetenschappen, Neth.;  
Rijksuniversiteit Te Groningen; Stichting Scheikundig  
Onderzoek In Nederland (Son)

SOURCE: Eur. Pat. Appl., 12 pp.  
CODEN: EPXXDW

DOCUMENT TYPE: Patent  
LANGUAGE: English  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 755924	A1	19970129	EP 1996-202095	19960724
EP 755924	B1	19990609		
R: AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT, SE				
NL 1000884	C2	19970128	NL 1995-1000884	19950725
CA 2181841	A1	19970126	CA 1996-2181841	19960723
CA 2181841	C	20080108		
US 5853694	A	19981229	US 1996-686045	19960724
AT 181065	T	19990615	AT 1996-202095	19960724
ES 2137623	T3	19991216	ES 1996-202095	19960724
JP 09285290	A	19971104	JP 1996-229186	19960725
US 6726894	B1	20040427	US 1998-221056	19981228
PRIORITY APPLN. INFO.:			NL 1995-1000884	A 19950725
			US 1996-686045	A3 19960724

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT

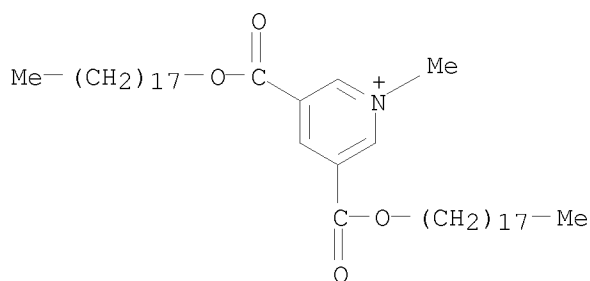
OTHER SOURCE(S): MARPAT 126:199459

IT 187587-98-0P

RL: MOA (Modifier or additive use); SPN (Synthetic preparation); PREP (Preparation); USES (Uses)  
(preparation of fatty alkyl-N-alkylpyridinium halides as transport vehicles for macromols.)

RN 187587-98-0 CAPLUS

CN Pyridinium, 1-methyl-3,5-bis[(octadecyloxy)carbonyl]-, chloride (1:1) (CA INDEX NAME)



● Cl<sup>-</sup>

OS.CITING REF COUNT: 6 THERE ARE 6 CAPLUS RECORDS THAT CITE THIS RECORD (6 CITINGS)

L5 ANSWER 6 OF 11 CAPLUS COPYRIGHT 2011 ACS on STN

ACCESSION NUMBER: 1990:25633 CAPLUS

DOCUMENT NUMBER: 112:25633

ORIGINAL REFERENCE NO.: 112:4373a, 4376a

TITLE: Pharmaceutical compositions containing cationic surfactants

INVENTOR(S): Paradies, Henrich

PATENT ASSIGNEE(S): Medice Chem.-Pharm. Fabrik Puetter G.m.b.H. und Co.  
K.-G., Fed. Rep. Ger.

SOURCE: Eur. Pat. Appl., 72 pp.



DOCUMENT TYPE: Patent  
LANGUAGE: German  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

CODEN: EPXXDW

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 257400	A2	19880302	EP 1987-111382	19870806
EP 257400	A3	19890726		
R: AT, BE, CH, DE, ES, FR, GB, GR, IT, LI, LU, NL, SE				
AU 8776650	A	19880211	AU 1987-76650	19870806
AU 605780	B2	19910124		
AU 8776652	A	19880211	AU 1987-76652	19870806
AU 607929	B2	19910321		
AU 8776653	A	19880211	AU 1987-76653	19870806
AU 608764	B2	19910418		
AU 8776654	A	19880211	AU 1987-76654	19870806
AU 613582	B2	19910808		
AU 8776655	A	19880211	AU 1987-76655	19870806
AU 605781	B2	19910124		
AU 8776656	A	19880211	AU 1987-76656	19870806
AU 607709	B2	19910314		
AU 8776657	A	19880211	AU 1987-76657	19870806
AU 604488	B2	19901220		
EP 258672	A2	19880309	EP 1987-111384	19870806
EP 258672	A3	19890726		
R: AT, BE, CH, DE, ES, FR, GB, GR, IT, LI, LU, NL, SE				
EP 260428	A2	19880323	EP 1987-111383	19870806
EP 260428	A3	19890726		
R: AT, BE, CH, DE, ES, FR, GB, GR, IT, LI, LU, NL, SE				
EP 260429	A2	19880323	EP 1987-111386	19870806
EP 260429	A3	19910417		
R: AT, BE, CH, DE, ES, FR, GB, GR, IT, LI, LU, NL, SE				
EP 262343	A2	19880406	EP 1987-111381	19870806
EP 262343	A3	19901219		
EP 262343	B1	19960103		
R: AT, BE, CH, DE, ES, FR, GB, GR, IT, LI, LU, NL, SE				
EP 262344	A2	19880406	EP 1987-111387	19870806
EP 262344	A3	19910417		
EP 262344	B1	19960327		
R: AT, BE, CH, DE, ES, FR, GB, GR, IT, LI, LU, NL, SE				
DE 3726099	A1	19880714	DE 1987-3726099	19870806
DE 3726100	A1	19880714	DE 1987-3726100	19870806
DE 3726101	A1	19880714	DE 1987-3726101	19870806
DE 3726102	A1	19880714	DE 1987-3726102	19870806
DE 3726103	A1	19880714	DE 1987-3726103	19870806
DE 3726109	A1	19880714	DE 1987-3726109	19870806
DE 3726111	A1	19880714	DE 1987-3726111	19870806
EP 277270	A2	19880810	EP 1987-111385	19870806
EP 277270	A3	19910410		
EP 277270	B1	19961227		
R: AT, BE, CH, DE, ES, FR, GB, GR, IT, LI, LU, NL, SE				
JP 01104047	A	19890421	JP 1987-198989	19870806
JP 01104048	A	19890421	JP 1987-198990	19870806
JP 01104006	A	19890421	JP 1987-198991	19870806
JP 01104049	A	19890421	JP 1987-198992	19870806
JP 01104050	A	19890421	JP 1987-198993	19870806
JP 01104007	A	19890421	JP 1987-198994	19870806
JP 01104051	A	19890421	JP 1987-198995	19870806
JP 07005483	B	19950125		
US 4870174	A	19890926	US 1987-83476	19870806

US 4874850	A	19891017	US 1987-83463	19870806
US 4877883	A	19891031	US 1987-82891	19870806
US 4894454	A	19900116	US 1987-82773	19870806
US 4965357	A	19901023	US 1987-82899	19870806
EP 513878	A2	19921119	EP 1992-114081	19870806
EP 513878	A3	19931013		
R: AT, BE, CH, DE, ES, FR, GB, GR, IT, LI, LU, NL, SE				
EP 516194	A2	19921202	EP 1992-114080	19870806
EP 516194	A3	19951025		
R: AT, BE, CH, DE, ES, FR, GB, GR, IT, LI, LU, NL, SE				
CA 1319321	C	19930622	CA 1987-543931	19870806
CA 1321144	C	19930810	CA 1987-543932	19870806
CA 1321145	C	19930810	CA 1987-543933	19870806
CA 1332938	C	19941108	CA 1987-543934	19870806
CA 1332939	C	19941108	CA 1987-543935	19870806
CA 1332940	C	19941108	CA 1987-543936	19870806
CA 1332941	C	19941108	CA 1987-543937	19870806
AT 146675	T	19970115	AT 1987-111385	19870806
US 4882435	A	19891121	US 1989-321436	19890309
US 5045530	A	19910903	US 1989-344363	19890427
US 4999435	A	19910312	US 1989-384352	19890724
US 5057518	A	19911015	US 1990-532486	19900524
US 5118808	A	19920602	US 1990-528307	19900524
US 5133973	A	19920728	US 1990-528299	19900524
US 5143917	A	19920901	US 1990-529094	19900524
US 5051435	A	19910924	US 1990-533998	19900604
US 5110929	A	19920505	US 1990-538350	19900614
US 5112844	A	19920512	US 1991-681445	19910403

PRIORITY APPLN. INFO.:

DE 1986-3626700	A	19860807
US 1987-82773	A3	19870806
US 1987-82891	A3	19870806
US 1987-82899	A3	19870806
US 1987-83476	A3	19870806
US 1989-321495	B1	19890309
US 1989-321499	B1	19890309
US 1989-434543	B1	19891030
US 1989-446015	A3	19891204
US 1990-593550	B1	19901002

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT

OTHER SOURCE(S): MARPAT 112:25633

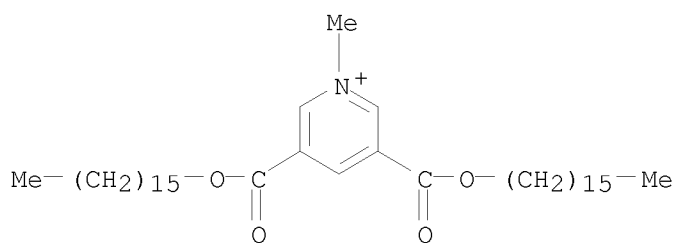
IT 80243-89-6

RL: BIOL (Biological study)

(pharmaceutical micelles containing hydrophobic drug and)

RN 80243-89-6 CAPLUS

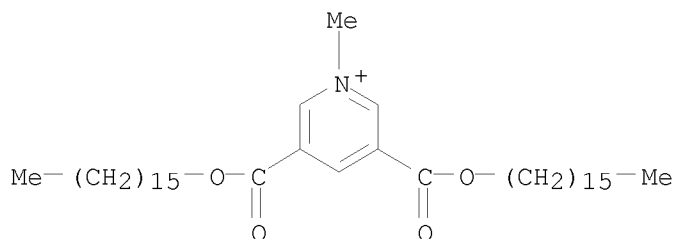
CN Pyridinium, 3,5-bis[(hexadecyloxy)carbonyl]-1-methyl-, chloride (1:1) (CA INDEX NAME)



● Cl<sup>-</sup>

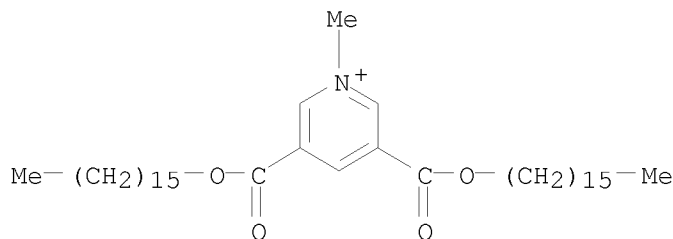
OS.CITING REF COUNT: 14 THERE ARE 14 CAPLUS RECORDS THAT CITE THIS RECORD (26 CITINGS)

L5 ANSWER 7 OF 11 CAPLUS COPYRIGHT 2011 ACS on STN  
ACCESSION NUMBER: 1982:191111 CAPLUS  
DOCUMENT NUMBER: 96:191111  
ORIGINAL REFERENCE NO.: 96:31349a,31352a  
TITLE: Thermotropic liquid-crystalline behavior of some single- and double-chained pyridinium amphiphiles  
AUTHOR(S): Sudholter, Ernst J. R.; Engberts, Jan B. F. N.; De Jeu, Wim H.  
CORPORATE SOURCE: Dep. Org. Chem., Univ. Groningen, Groningen, 9747 AG, Neth.  
SOURCE: Journal of Physical Chemistry (1982), 86(10), 1908-13  
CODEN: JPCHAX; ISSN: 0022-3654  
DOCUMENT TYPE: Journal  
LANGUAGE: English  
IT 73570-94-2P 80243-89-6P  
RL: PRP (Properties); SPN (Synthetic preparation); PREP (Preparation)  
(preparation and thermotropic liquid crystal properties of)  
RN 73570-94-2 CAPLUS  
CN Pyridinium, 3,5-bis[(hexadecyloxy)carbonyl]-1-methyl-, iodide (1:1) (CA INDEX NAME)



● I<sup>-</sup>

RN 80243-89-6 CAPLUS  
CN Pyridinium, 3,5-bis[(hexadecyloxy)carbonyl]-1-methyl-, chloride (1:1) (CA INDEX NAME)

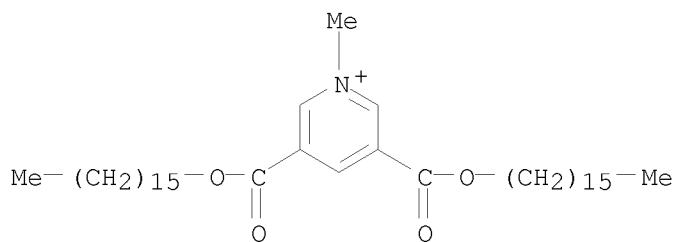


● Cl<sup>-</sup>

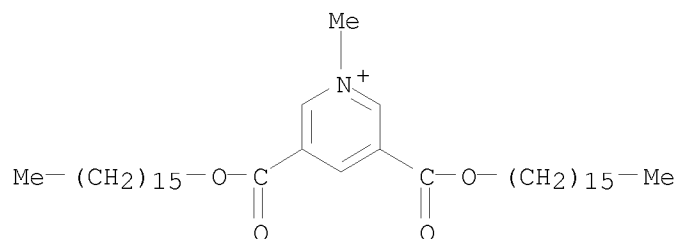
OS.CITING REF COUNT: 33 THERE ARE 33 CAPLUS RECORDS THAT CITE THIS

RECORD (37 CITINGS)

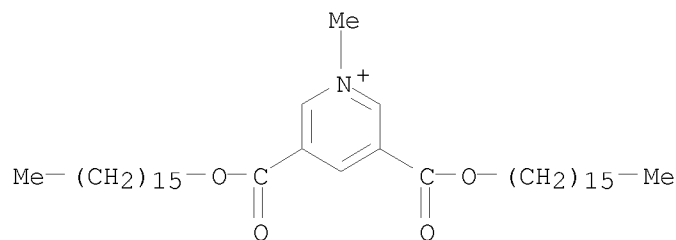
L5 ANSWER 8 OF 11 CAPLUS COPYRIGHT 2011 ACS on STN  
 ACCESSION NUMBER: 1982:130216 CAPLUS  
 DOCUMENT NUMBER: 96:130216  
 ORIGINAL REFERENCE NO.: 96:21270h,21271a  
 TITLE: Micelles, reversed micelles and vesicles [as studied]  
 with an intrinsic micropolarity indicator  
 AUTHOR(S): Sudhoelter, Ernst J. R.  
 CORPORATE SOURCE: Neth.  
 SOURCE: Chemisch Magazine (Den Haag) (1981), (Nov.), 643, 645  
 CODEN: CMAGDR; ISSN: 0167-2746  
 DOCUMENT TYPE: Journal  
 LANGUAGE: Dutch  
 IT 73570-94-2  
 RL: PRP (Properties)  
 (polarity indicator, for micelles or vesicles)  
 RN 73570-94-2 CAPLUS  
 CN Pyridinium, 3,5-bis[(hexadecyloxy)carbonyl]-1-methyl-, iodide (1:1) (CA  
 INDEX NAME)



L5 ANSWER 9 OF 11 CAPLUS COPYRIGHT 2011 ACS on STN  
 ACCESSION NUMBER: 1982:81540 CAPLUS  
 DOCUMENT NUMBER: 96:81540  
 ORIGINAL REFERENCE NO.: 96:13333a,13336a  
 TITLE: Rhodopsin reconstitution in vesicles formed from  
 simple, fully synthetic amphiphiles  
 AUTHOR(S): Sudhoelter, Ernst J. R.; De Grip, Willem J.; Engberts,  
 Jan B. F. N.  
 CORPORATE SOURCE: Dep. Org. Chem., Univ. Groningen, Groningen, 9747 AG,  
 Neth.  
 SOURCE: Journal of the American Chemical Society (1982),  
 104(4), 1069-72  
 CODEN: JACSAT; ISSN: 0002-7863  
 DOCUMENT TYPE: Journal  
 LANGUAGE: English  
 IT 80243-89-6  
 RL: BIOL (Biological study)  
 (liposomes, rhodopsin reconstitution in)  
 RN 80243-89-6 CAPLUS  
 CN Pyridinium, 3,5-bis[(hexadecyloxy)carbonyl]-1-methyl-, chloride (1:1) (CA  
 INDEX NAME)

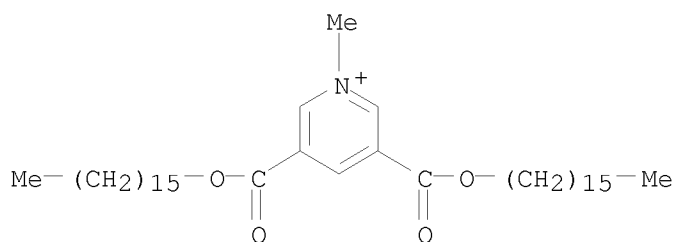


L5 ANSWER 10 OF 11 CAPLUS COPYRIGHT 2011 ACS on STN  
 ACCESSION NUMBER: 1982:41371 CAPLUS  
 DOCUMENT NUMBER: 96:41371  
 ORIGINAL REFERENCE NO.: 96:6753a,6756a  
 TITLE: Association of single- and double-chained  
 1-methylpyridinium iodide amphiphiles in apolar  
 organic solvents. A vapor pressure isometric,  
 conductometric, and optical absorption spectroscopic  
 study  
 AUTHOR(S): Sudhoelter, Ernst J. R.; Engberts, Jan B. F. N.  
 CORPORATE SOURCE: Dep. Org. Chem., Univ. Groningen, Groningen, 9747 AG,  
 Neth.  
 SOURCE: Journal of Physical Chemistry (1982), 86(2), 263-71  
 CODEN: JPCHAX; ISSN: 0022-3654  
 DOCUMENT TYPE: Journal  
 LANGUAGE: English  
 IT 73570-94-2  
 RL: PRP (Properties)  
 (association of, in apolar solvents)  
 RN 73570-94-2 CAPLUS  
 CN Pyridinium, 3,5-bis[(hexadecyloxy)carbonyl]-1-methyl-, iodide (1:1) (CA  
 INDEX NAME)



L5 ANSWER 11 OF 11 CAPLUS COPYRIGHT 2011 ACS on STN  
 ACCESSION NUMBER: 1980:193087 CAPLUS  
 DOCUMENT NUMBER: 92:193087  
 ORIGINAL REFERENCE NO.: 92:31225a,31228a  
 TITLE: Vesicle formation by two novel synthetic amphiphiles

carrying micropolarity reporter head groups  
 AUTHOR(S): Sudhoelter, Ernst J. R.; Engberts, Jan B. F. N.;  
 Hoekstra, Dick  
 CORPORATE SOURCE: Dep. Org. Chem., Univ. Groningen, Groningen, 9747 AG,  
 Neth.  
 SOURCE: Journal of the American Chemical Society (1980),  
 102(7), 2467-9  
 CODEN: JACSAT; ISSN: 0002-7863  
 DOCUMENT TYPE: Journal  
 LANGUAGE: English  
 IT 73570-94-2  
 RL: PRP (Properties)  
 (liposomes, aggregation behavior and micropolarity of)  
 RN 73570-94-2 CAPLUS  
 CN Pyridinium, 3,5-bis[(hexadecyloxy)carbonyl]-1-methyl-, iodide (1:1) (CA  
 INDEX NAME)



OS.CITING REF COUNT: 1 THERE ARE 1 CAPLUS RECORDS THAT CITE THIS RECORD  
 (1 CITINGS)

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DICTIONARY FILE UPDATES: 4 FEB 2011 HIGHEST RN 1262190-08-8

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NEWS	3	OCT 06	Increase your retrieval consistency with new formats or for Taiwanese application numbers in CA/CAPLUS.
NEWS	4	OCT 21	CA/CAPLUS kind code changes for Chinese patents increase consistency, save time
NEWS	5	OCT 22	New version of STN Viewer preserves custom highlighting of terms when patent documents are saved in .rtf format
NEWS	6	OCT 28	INPADOCDB/INPAFAMDB: Enhancements to the US national patent classification.
NEWS	7	NOV 03	New format for Korean patent application numbers in CA/CAPLUS increases consistency, saves time.
NEWS	8	NOV 04	Selected STN databases scheduled for removal on December 31, 2010
NEWS	9	NOV 18	PROUSDDR and SYNTHLINE Scheduled for Removal December 31, 2010 by Request of Prous Science
NEWS	10	NOV 22	Higher System Limits Increase the Power of STN Substance-Based Searching
NEWS	11	NOV 24	Search an additional 46,850 records with MEDLINE backfile extension to 1946
NEWS	12	DEC 14	New PNK Field Allows More Precise Crossover among STN Patent Databases
NEWS	13	DEC 18	ReaxysFile available on STN
NEWS	14	DEC 21	CAS Learning Solutions -- a new online training experience
NEWS	15	DEC 22	Value-Added Indexing Improves Access to World Traditional Medicine Patents in CAPLUS
NEWS	16	JAN 24	The new and enhanced DPCI file on STN has been released
NEWS	17	JAN 26	Improved Timeliness of CAS Indexing Adds Value to USPATFULL and USPAT2 Chemistry Patents
NEWS	18	JAN 26	Updated MeSH vocabulary, new structured abstracts, and other enhancements improve searching in STN reload of MEDLINE
NEWS	19	JAN 28	CABA will be updated weekly

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AND CURRENT DISCOVER FILE IS DATED 07 JULY 2010.

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DICTIONARY FILE UPDATES: 6 FEB 2011 HIGHEST RN 1262198-76-4

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TSCA INFORMATION NOW CURRENT THROUGH June 26, 2010.

Please note that search-term pricing does apply when conducting SmartSELECT searches.

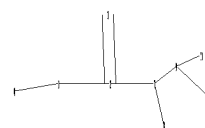
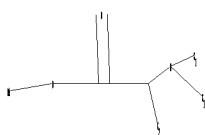
REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stngen/stndoc/properties.html>

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chain nodes :
1  2  3  4  7  8  9  11  12
chain bonds :
1-2  1-4  2-3  2-7  7-8  7-9  9-11  9-12
exact/norm bonds :
1-2  1-4  2-3  7-8  7-9  9-11  9-12
exact bonds :
2-7

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G1:Hy,Ak

G2:H,Cb,Ak

G3:H,Ak

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Match level :
1:CLASS  2:CLASS  3:CLASS  4:CLASS  7:CLASS  8:CLASS  9:CLASS  11:CLASS  12:CLASS
Generic attributes :
4:
Number of Carbon Atoms : 7 or more

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Element Count :
Node 4: Limited
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L1           STRUCTURE UPLOADED

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FULL SEARCH INITIATED 08:22:27 FILE 'REGISTRY'  
FULL SCREEN SEARCH COMPLETED - 5562746 TO ITERATE

12.2% PROCESSED	676326 ITERATIONS	174 ANSWERS
13.5% PROCESSED	749682 ITERATIONS	174 ANSWERS
14.9% PROCESSED	827063 ITERATIONS	191 ANSWERS
100.0% PROCESSED	5562746 ITERATIONS	3007 ANSWERS

SEARCH TIME: 00.01.01

L2           3007 SEA SSS FUL L1

=> d 200 ibib  
'IBIB' IS NOT A VALID FORMAT FOR FILE 'REGISTRY'

The following are valid formats:

Substance information can be displayed by requesting individual fields or predefined formats. The predefined substance formats are: (RN = CAS Registry Number)

REG     - RN  
SAM     - Index Name, MF, and structure - no RN  
FIDE    - All substance data, except sequence data  
IDE     - FIDE, but only 50 names  
SQIDE   - IDE, plus sequence data  
SQIDE3   - Same as SQIDE, but 3-letter amino acid codes are used  
SQD     - Protein sequence data, includes RN  
SQD3    - Same as SQD, but 3-letter amino acid codes are used  
SQN     - Protein sequence name information, includes RN

EPROP   - Table of experimental properties  
PPROP   - Table of predicted properties  
PROP    - EPROP, ETAG, PPROP

Any CA File format may be combined with any substance format to obtain CA references citing the substance. The substance formats must be cited first. The CA File predefined formats are:

ABS    -- Abstract  
APPS   -- Application and Priority Information  
BIB    -- CA Accession Number, plus Bibliographic Data  
CAN    -- CA Accession Number  
CBIB   -- CA Accession Number, plus Bibliographic Data (compressed)  
IND    -- Index Data  
IPC    -- International Patent Classification  
PATS   -- PI, SO  
STD    -- BIB, IPC, and NCL

IABS   -- ABS, indented, with text labels  
IBIB   -- BIB, indented, with text labels  
ISTD   -- STD format, indented

OBIB   ----- AN, plus Bibliographic Data (original)

OIBIB ----- OBIB, indented with text labels

SBIB ----- BIB, no citations

SIBIB ----- IBIB, no citations

The ALL format gives FIDE BIB ABS IND RE, plus sequence data when it is available.

The MAX format is the same as ALL plus SPEC.

The IALL format is the same as ALL with BIB ABS and IND indented, with text labels.

For additional information, please consult the following help messages:

HELP DFIELDS -- To see a complete list of individual display fields.

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ENTER DISPLAY FORMAT (IDE):end

=> file capl

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	ENTRY	SESSION
FULL ESTIMATED COST	200.43	200.66

FILE 'CAPLUS' ENTERED AT 08:26:42 ON 07 FEB 2011

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FILE COVERS 1907 - 7 Feb 2011 VOL 154 ISS 7

FILE LAST UPDATED: 6 Feb 2011 (20110206/ED)

REVISED CLASS FIELDS (/NCL) LAST RELOADED: Oct 2010

USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE: Oct 2010

CAPLUS now includes complete International Patent Classification (IPC) reclassification data for the fourth quarter of 2010.

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<http://www.cas.org/legal/infopolicy.html>

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> d his

(FILE 'HOME' ENTERED AT 08:22:04 ON 07 FEB 2011)

FILE 'REGISTRY' ENTERED AT 08:22:10 ON 07 FEB 2011

L1 STRUCTURE UPLOADED

L2 3007 S L1 SSS FULL

FILE 'CAPLUS' ENTERED AT 08:26:42 ON 07 FEB 2011

=> s 12

L3 1480 L2

=> d 200 ibib

L3 ANSWER 200 OF 1480 CAPLUS COPYRIGHT 2011 ACS on STN  
ACCESSION NUMBER: 2007:64973 CAPLUS  
DOCUMENT NUMBER: 147:103815  
TITLE: Self-assembled aggregates and molecular bilayer films  
of a double-chain fullerene lipid: structure and  
electrochemistry  
AUTHOR(S): Murakami, Hiroto; Nakanishi, Takashi; Morita, Makoto;  
Taniguchi, Naoya; Nakashima, Naotoshi  
CORPORATE SOURCE: Department of Science and Technology Graduate School  
of Materials Science, Nagasaki University, Nagasaki,  
852-8521, Japan  
SOURCE: Chemistry--An Asian Journal (2006), 1(6), 860-867  
CODEN: CAAJBI; ISSN: 1861-4728  
PUBLISHER: Wiley-VCH Verlag GmbH & Co. KGaA  
DOCUMENT TYPE: Journal  
LANGUAGE: English  
OS.CITING REF COUNT: 9 THERE ARE 9 CAPLUS RECORDS THAT CITE THIS RECORD  
(9 CITINGS)  
REFERENCE COUNT: 67 THERE ARE 67 CITED REFERENCES AVAILABLE FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> d 500 ibib

L3 ANSWER 500 OF 1480 CAPLUS COPYRIGHT 2011 ACS on STN  
ACCESSION NUMBER: 2001:404640 CAPLUS  
DOCUMENT NUMBER: 135:157548  
TITLE: Vesicle-Forming Properties of New Phospholipid  
Analogues Derived from N-Phosphonoacetyl-L-aspartate  
(PALA): Particle Features and Morphology in Relation  
with Alkyl Chain Lengths  
AUTHOR(S): Oliger, Patrick; Schmutz, Marc; Hebrant, Marc; Grison,  
Claude; Coutrot, Philippe; Tondre, Christian  
CORPORATE SOURCE: Laboratoire de Chimie Physique Organique et  
Colloïdale and Laboratoire de Chimie Organique II,  
UMR CNRS 7565 Institut Nanceien de Chimie Moléculaire  
Université Henri Poincaré-Nancy I, Nancy-Vandœuvre,  
54506, Fr.  
SOURCE: Langmuir (2001), 17(13), 3893-3897  
CODEN: LANGD5; ISSN: 0743-7463  
PUBLISHER: American Chemical Society  
DOCUMENT TYPE: Journal  
LANGUAGE: English  
OS.CITING REF COUNT: 13 THERE ARE 13 CAPLUS RECORDS THAT CITE THIS  
RECORD (13 CITINGS)  
REFERENCE COUNT: 29 THERE ARE 29 CITED REFERENCES AVAILABLE FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> d 450 ibib

L3 ANSWER 450 OF 1480 CAPLUS COPYRIGHT 2011 ACS on STN  
ACCESSION NUMBER: 2002:654381 CAPLUS  
DOCUMENT NUMBER: 137:208449  
TITLE: Preparation of barbiturate derivatives as couplers for

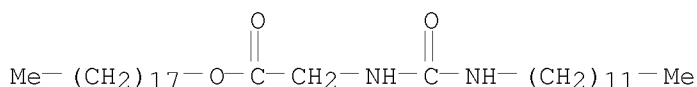
INVENTOR(S): diazo thermal recording materials  
 Fujita, Akinori; Yanagihara, Naoto; Takeuchi, Yosuke;  
 Arioka, Daisuke; Ikeda, Takayoshi; Arai, Yukiko  
 PATENT ASSIGNEE(S): Fuji Photo Film Co., Ltd., Japan  
 SOURCE: Jpn. Kokai Tokkyo Koho, 21 pp.  
 CODEN: JKXXAF  
 DOCUMENT TYPE: Patent  
 LANGUAGE: Japanese  
 FAMILY ACC. NUM. COUNT: 3  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2002241370	A	20020828	JP 2001-43649	20010220
US 20020161225	A1	20021031	US 2002-76445	20020219
US 6720421	B2	20040413		
US 20030166961	A1	20030904	US 2003-350962	20030127
PRIORITY APPLN. INFO.:			JP 2001-43649	A 20010220
			JP 2001-77063	A 20010316
			JP 2001-77100	A 20010316
			US 2002-76445	A3 20020219

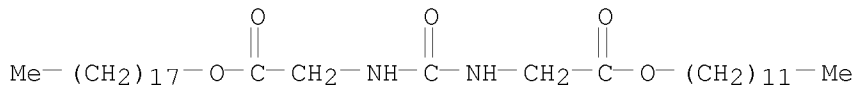
ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT  
 OTHER SOURCE(S): MARPAT 137:208449

=> d 450 hitstr

L3 ANSWER 450 OF 1480 CAPLUS COPYRIGHT 2011 ACS on STN  
 IT 452370-18-2, N-Dodecyl-N'-[(octadecyloxycarbonyl)methyl]urea  
 452370-19-3, N-[(Dodecyloxycarbonyl)methyl]-N'-  
 [(octadecyloxycarbonyl)methyl]urea  
 RL: RCT (Reactant); RACT (Reactant or reagent)  
 (preparation of barbiturate derivs. as couplers for diazo thermal recording  
 materials)  
 RN 452370-18-2 CAPLUS  
 CN Glycine, N-[(dodecylamino)carbonyl]-, octadecyl ester (CA INDEX NAME)  
 <-----User Break----->



RN 452370-19-3 CAPLUS  
 CN Glycine, N-[[[2-(dodecyloxy)-2-oxoethyl]amino]carbonyl]-, octadecyl ester  
 (CA INDEX NAME)



=>  
 => d 451 ibib hitstr

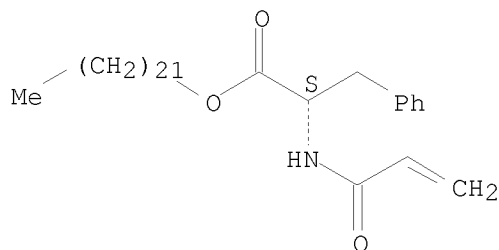
L3 ANSWER 451 OF 1480 CAPLUS COPYRIGHT 2011 ACS on STN  
 ACCESSION NUMBER: 2002:649998 CAPLUS  
 DOCUMENT NUMBER: 137:185831

TITLE: Optical resolving agents and column fillers and method  
 for optical resolution of phenylalanines  
 INVENTOR(S): Ihara, Hirotaka  
 PATENT ASSIGNEE(S): Okubo, Katsutoshi, Japan; Seisan Kaihatsu Kagaku  
 Kenkyusho  
 SOURCE: Jpn. Kokai Tokkyo Koho, 8 pp.  
 CODEN: JKXXAF  
 DOCUMENT TYPE: Patent  
 LANGUAGE: Japanese  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

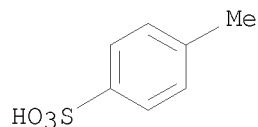
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2002241317	A	20020828	JP 2001-43194	20010220

PRIORITY APPLN. INFO.: JP 2001-43194 20010220  
 IT 451462-97-8  
 RL: RCT (Reactant); RACT (Reactant or reagent)  
 (preparation of resolving agents; optical resolving agents and column  
 fillers and method for optical resolution of phenylalanines)  
 RN 451462-97-8 CAPLUS  
 CN L-Phenylalanine, N-(1-oxo-2-propenyl)-, docosyl ester,  
 4-methylbenzenesulfonate (9CI) (CA INDEX NAME)  
 CM 1  
 CRN 451462-96-7  
 CMF C34 H57 N O3

Absolute stereochemistry.



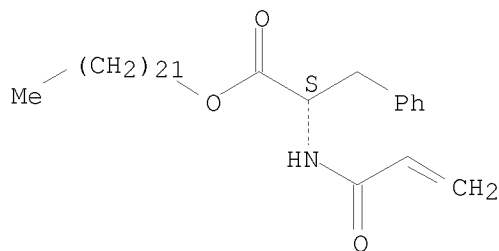
CM 2  
 CRN 104-15-4  
 CMF C7 H8 O3 S



IT 451462-96-7P  
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT  
 (Reactant or reagent)  
 (preparation of resolving agents; optical resolving agents and column  
 fillers and method for optical resolution of phenylalanines)  
 RN 451462-96-7 CAPLUS

CN L-Phenylalanine, N-(1-oxo-2-propen-1-yl)-, docosyl ester (CA INDEX NAME)

Absolute stereochemistry.



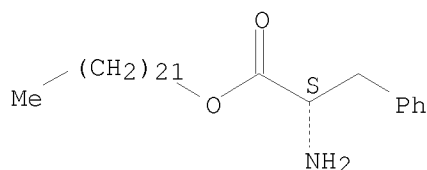
IT 451462-95-6P

RL: SPN (Synthetic preparation); PREP (Preparation)  
(preparation of resolving agents; optical resolving agents and column  
fillers and method for optical resolution of phenylalanines)

RN 451462-95-6 CAPLUS

CN L-Phenylalanine, docosyl ester (CA INDEX NAME)

Absolute stereochemistry.



IT 451462-98-9P

RL: IMF (Industrial manufacture); NUU (Other use, unclassified); PREP  
(Preparation); USES (Uses)  
(resolving agents; optical resolving agents and column fillers and  
method for optical resolution of phenylalanines)

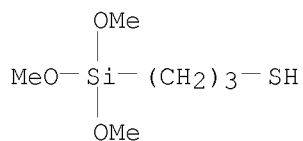
RN 451462-98-9 CAPLUS

CN L-Phenylalanine, N-(1-oxo-2-propenyl)-, docosyl ester, telomer with  
3-(trimethoxysilyl)-1-propanethiol (9CI) (CA INDEX NAME)

CM 1

CRN 4420-74-0

CMF C6 H16 O3 S Si



CM 2

CRN 454187-08-7

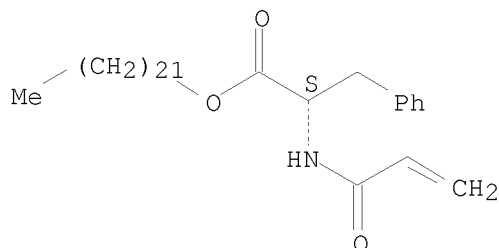
CMF (C34 H57 N O3) x

CCI PMS

CM 3

CRN 451462-96-7  
CMF C34 H57 N O3

Absolute stereochemistry.



OS.CITING REF COUNT: 2 THERE ARE 2 CAPLUS RECORDS THAT CITE THIS RECORD  
(2 CITINGS)

=> d 452 ibib hitstr

L3 ANSWER 452 OF 1480 CAPLUS COPYRIGHT 2011 ACS on STN  
ACCESSION NUMBER: 2002:637909 CAPLUS  
DOCUMENT NUMBER: 137:188002  
TITLE: Aqueous viscoelastic fluid  
INVENTOR(S): Zhou, Jian; Hugues, Trevor  
PATENT ASSIGNEE(S): Sofitech N.V., Belg.; Schlumberger Canada Limited;  
Schlumberger Holdings Limited; Services Petroliers  
Schlumberger; Schlumberger Technology B.V.  
SOURCE: PCT Int. Appl., 47 pp.  
CODEN: PIXXD2  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
FAMILY ACC. NUM. COUNT: 5  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002064946	A1	20020822	WO 2002-GB589	20020213
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
GB 2372058	A	20020814	GB 2001-3449	20010213
GB 2372058	B	20040128		
GB 2393722	A	20040407	GB 2003-25742	20010213
CA 2434345	A1	20020822	CA 2002-2434345	20020213
CA 2434345	C	20100119		
AU 2002229950	A1	20020828	AU 2002-229950	20020213
AU 2002229950	B2	20070517		
EP 1360394	A1	20031112	EP 2002-711056	20020213
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR			
GB 2389603	A	20031217	GB 2003-15146	20020213
GB 2389603	B	20041229		



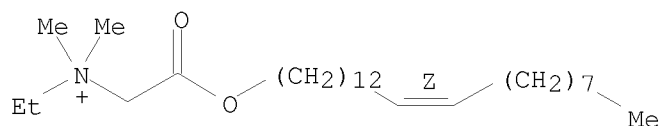
BR 2002007483	A	20040810	BR 2002-7483	20020213
CN 1606654	A	20050413	CN 2002-804926	20020213
MX 2003007164	A	20040505	MX 2003-7164	20030811
IN 2003CN01245	A	20051118	IN 2003-CN1245	20030811
IN 227440	A1	20090306		
NO 2003003573	A	20031010	NO 2003-3573	20030812
US 20040221989	A1	20041111	US 2003-250417	20031212
US 7036585	B2	20060502		

PRIORITY APPLN. INFO.:

GB 2001-3449	A	20010213
WO 2002-GB587	W	20020213
WO 2002-GB589	W	20020213

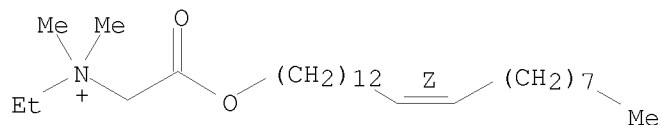
IT 449213-10-9 449213-29-0  
 RL: MOA (Modifier or additive use); USES (Uses)  
 (aqueous viscoelastic fluid for well treatment)  
 RN 449213-10-9 CAPLUS  
 CN Ethanaminium, 2-[(13Z)-13-docosen-1-yloxy]-N-ethyl-N,N-dimethyl-2-oxo-,  
 chloride (1:1) (CA INDEX NAME)

Double bond geometry as shown.



RN 449213-29-0 CAPLUS  
 CN Ethanaminium, 2-[(13Z)-13-docosen-1-yloxy]-N-ethyl-N,N-dimethyl-2-oxo-  
 (CA INDEX NAME)

Double bond geometry as shown.



OS.CITING REF COUNT: 16 THERE ARE 16 CAPLUS RECORDS THAT CITE THIS  
 RECORD (16 CITINGS)  
 REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS  
 RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> d 4533 ibib hitstr  
 1480 ANSWERS ARE AVAILABLE. SPECIFIED ANSWER NUMBER EXCEEDS ANSWER SET SIZE  
 The answer numbers requested are not in the answer set.  
 ENTER ANSWER NUMBER OR RANGE (1):453

L3 ANSWER 453 OF 1480 CAPLUS COPYRIGHT 2011 ACS on STN  
 ACCESSION NUMBER: 2002:637908 CAPLUS  
 DOCUMENT NUMBER: 137:188001  
 TITLE: Viscoelastic compositions  
 INVENTOR(S): Zhou, Jian; Hughes, Trevor  
 PATENT ASSIGNEE(S): Sofitech N.V., Belg.; Schlumberger Canada Limited;  
 Schlumberger Holdings Limited; Services Petroliers

SOURCE: Schlumberger; Schlumberger Technology B.V.  
PCT Int. Appl., 50 pp.  
CODEN: PIXXD2  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
FAMILY ACC. NUM. COUNT: 5  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002064945	A1	20020822	WO 2002-GB587	20020213
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
GB 2372058	A	20020814	GB 2001-3449	20010213
GB 2372058	B	20040128		
GB 2393722	A	20040407	GB 2003-25742	20010213
CA 2434613	A1	20020822	CA 2002-2434613	20020213
CA 2434613	C	20100406		
AU 2002231958	A1	20020828	AU 2002-231958	20020213
AU 2002231958	B2	20070802		
EP 1360395	A1	20031112	EP 2002-712051	20020213
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
BR 2002007484	A	20040810	BR 2002-7484	20020213
CN 1639444	A	20050713	CN 2002-804927	20020213
CN 100510316	C	20090708		
IN 2003CN01244	A	20051118	IN 2003-CN1244	20030811
IN 2003CN01245	A	20051118	IN 2003-CN1245	20030811
IN 227440	A1	20090306		
NO 2003003572	A	20031007	NO 2003-3572	20030812
MX 2003007219	A	20040630	MX 2003-7219	20030813
US 20040102330	A1	20040527	US 2003-250415	20031215
US 7704926	B2	20100427		
IN 2007CN05576	A	20080328	IN 2007-CN5576	20071204
US 20090291864	A1	20091126	US 2009-466411	20090515

PRIORITY APPLN. INFO.:

GB 2001-3449	A	20010213
WO 2002-GB587	W	20020213
WO 2002-GB589	W	20020213
IN 2003-CN1244	A3	20030811
GB 2003-27795	A	20031129
US 2003-250415	A2	20031215
US 2004-993985	A2	20041119

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT

OTHER SOURCE(S): MARPAT 137:188001

IT 449213-10-9P

RL: IMF (Industrial manufacture); PREP (Preparation)  
(viscoelastic compns. for use as well fracturing fluids)

RN 449213-10-9 CAPLUS

CN Ethanaminium, 2-[(13Z)-13-docosen-1-yloxy]-N-ethyl-N,N-dimethyl-2-oxo-, chloride (1:1) (CA INDEX NAME)

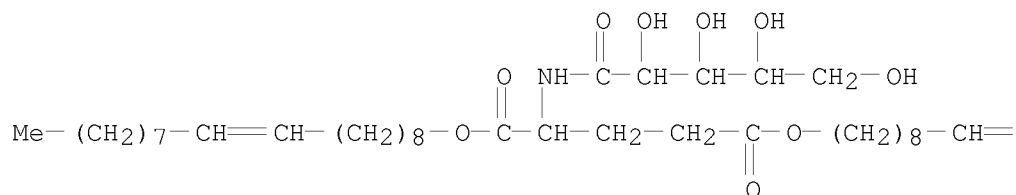
Double bond geometry as shown.



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=> d 454-464 ibib hitstr
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L3 ANSWER 454 OF 1480 CAPLUS COPYRIGHT 2011 ACS on STN  
ACCESSION NUMBER: 2002:589493 CAPLUS  
DOCUMENT NUMBER: 137:290912  
TITLE: Surfactant-lipase complexes immobilized in PEG  
microspheres  
AUTHOR(S): Sawae, Hidekazu; Sakoguchi, Akihiro; Nakashio,  
Fumiyuki; Goto, Masahiro  
CORPORATE SOURCE: Department of Applied Chemistry, Faculty of  
Engineering, Sojo University, Kumamoto, 860-0082,  
Japan  
SOURCE: Journal of Chemical Engineering of Japan (2002),  
35(7), 677-680  
CODEN: JCEJAQ; ISSN: 0021-9592  
PUBLISHER: Society of Chemical Engineers, Japan  
DOCUMENT TYPE: Journal  
LANGUAGE: English  
IT 108779-63-1D, Glutamic acid dioleoyl ester ribitol amide,  
complexes with lipase PS  
RL: CAT (Catalyst use); PEP (Physical, engineering or chemical process);  
PRP (Properties); PYP (Physical process); PROC (Process); USES (Uses)  
(surfactant-lipase complexes immobilized in PEG microspheres permit  
esterification of lauric acid with benzyl alc. in organic media)  
RN 108779-63-1 CAPLUS  
CN L-Glutamic acid, N-D-ribonoyl-, 1,4-di-(9Z)-9-octadecen-1-yl ester (CA  
INDEX NAME)

PAGE 1-A



$$=CH-(CH_2)_7-Me$$

OS.CITING REF COUNT: 5 THERE ARE 5 CAPLUS RECORDS THAT CITE THIS RECORD (5 CITINGS)  
 REFERENCE COUNT: 11 THERE ARE 11 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 455 OF 1480 CAPLUS COPYRIGHT 2011 ACS on STN  
 ACCESSION NUMBER: 2002:566558 CAPLUS  
 DOCUMENT NUMBER: 137:132040  
 TITLE: Diffusion-transfer color photographic material  
 INVENTOR(S): Fukagawa, Nobutaka; Ito, Takayuki  
 PATENT ASSIGNEE(S): Fuji Photo Film Co., Ltd., Japan  
 SOURCE: Jpn. Kokai Tokkyo Koho, 55 pp.  
 CODEN: JKXXAF  
 DOCUMENT TYPE: Patent  
 LANGUAGE: Japanese  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2002214752	A	20020731	JP 2001-15105	20010123
PRIORITY APPLN. INFO.:			JP 2001-15105	20010123

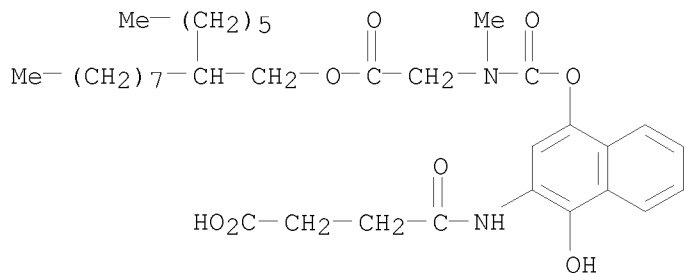
OTHER SOURCE(S): MARPAT 137:132040

IT 443916-91-4

RL: TEM (Technical or engineered material use); USES (Uses)  
 (diffusion-transfer color photog. emulsion containing color development agent)

RN 443916-91-4 CAPLUS

CN Butanoic acid, 4-[[4-[[[2-[(2-hexyldecyl)oxy]-2-oxoethyl]methylamino]carbonyl]oxy]-1-hydroxy-2-naphthalenyl]amino]-4-oxo-  
 (CA INDEX NAME)



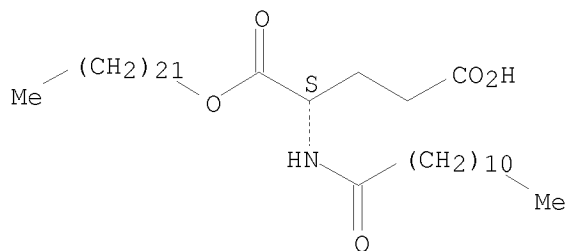
L3 ANSWER 456 OF 1480 CAPLUS COPYRIGHT 2011 ACS on STN  
 ACCESSION NUMBER: 2002:555952 CAPLUS  
 DOCUMENT NUMBER: 137:114256  
 TITLE: Lip care moisturizer compositions containing fatty acid ester and wax  
 INVENTOR(S): Singh, Mohinder

PATENT ASSIGNEE(S): Blistex Inc., USA  
 SOURCE: U.S. Pat. Appl. Publ., 4 pp.  
 CODEN: USXXCO  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 20020098158	A1	20020725	US 2000-727277	20001130
US 6663853	B2	20031216		

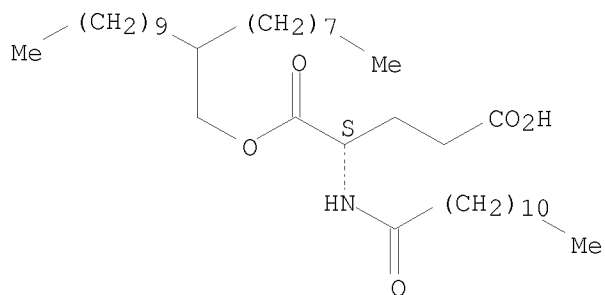
PRIORITY APPLN. INFO.: US 2000-727277 20001130  
 ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT  
 IT 137728-30-4 137728-32-6  
 RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)  
 (lip care moisturizer compns. containing fatty acid ester and wax)  
 RN 137728-30-4 CAPLUS  
 CN L-Glutamic acid, N-(1-oxododecyl)-, 1-docosyl ester (CA INDEX NAME)

Absolute stereochemistry.



RN 137728-32-6 CAPLUS  
 CN L-Glutamic acid, N-(1-oxododecyl)-, 1-(2-octyldodecyl) ester (CA INDEX NAME)

Absolute stereochemistry.



OS.CITING REF COUNT: 2 THERE ARE 2 CAPLUS RECORDS THAT CITE THIS RECORD  
 (2 CITINGS)

L3 ANSWER 457 OF 1480 CAPLUS COPYRIGHT 2011 ACS on STN  
 ACCESSION NUMBER: 2002:539470 CAPLUS  
 DOCUMENT NUMBER: 137:109158  
 TITLE: Preparation of fatty acid amphiphilic derivatives for  
 the production of vesicles, micelles and complexants  
 INVENTOR(S): Grinberg, Sarina; Linder, Charles; Wiesman, Zeev;  
 Heldman, Eliahu; Kolot, Victoria  
 PATENT ASSIGNEE(S): Ben Gurion University of the Negev Research and

SOURCE: Development Authority, Israel  
 PCT Int. Appl., 126 pp.  
 CODEN: PIXXD2  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002055011	A2	20020718	WO 2002-IL43	20020116
WO 2002055011	A3	20030227		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
CA 2434409	A1	20020718	CA 2002-2434409	20020116
AU 2002226644	A1	20020724	AU 2002-226644	20020116
AU 2002226644	B2	20061109		
EP 1360168	A2	20031112	EP 2002-716274	20020116
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
JP 2004527473	T	20040909	JP 2002-555748	20020116
US 20050118248	A1	20050602	US 2003-250933	20030709
PRIORITY APPLN. INFO.:			US 2001-261195P	P 20010116
			WO 2002-IL43	W 20020116

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT

OTHER SOURCE(S): MARPAT 137:109158

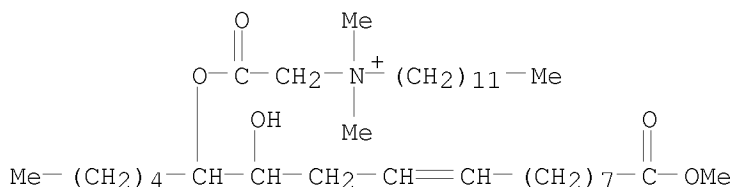
IT 442905-81-9P 442905-83-1P 442905-84-2P  
 442905-85-3P 442905-86-4P 442905-89-7P  
 442905-91-1P 442906-02-7P 442906-03-8P  
 442906-04-9P 442906-07-2P 442906-08-3P

RL: BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of fatty acid amphiphilic derivs. for production of vesicles, micelles and complexants)

RN 442905-81-9 CAPLUS

CN 1-Dodecanaminium, N-[2-[(2-hydroxy-13-methoxy-13-oxo-1-pentyl-4-tridecen-1-yl)oxy]-2-oxoethyl]-N,N-dimethyl-, chloride (1:1) (CA INDEX NAME)

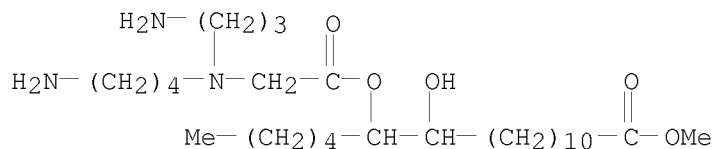


● Cl<sup>-</sup>

RN 442905-83-1 CAPLUS

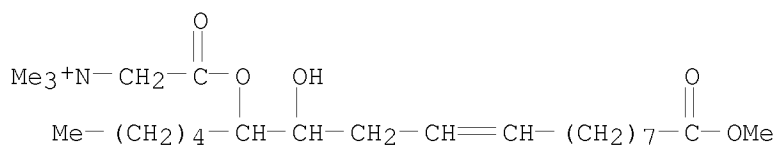
CN Glycine, N-(4-aminobutyl)-N-(3-aminopropyl)-,

2-hydroxy-13-methoxy-13-oxo-1-pentyltridecyl ester (CA INDEX NAME)



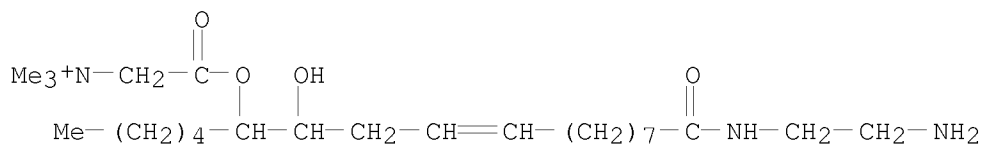
RN 442905-84-2 CAPLUS

CN Ethanaminium, 2-[(2-hydroxy-13-methoxy-13-oxo-1-pentyl-4-tridecen-1-yl)oxy]-N,N,N-trimethyl-2-oxo- (CA INDEX NAME)



RN 442905-85-3 CAPLUS

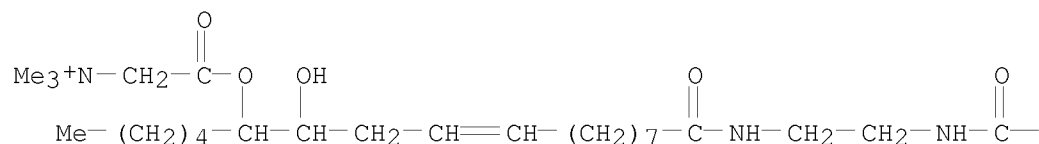
CN Ethanaminium, 2-[[13-[(2-aminoethyl)amino]-2-hydroxy-13-oxo-1-pentyl-4-tridecen-1-yl]oxy]-N,N,N-trimethyl-2-oxo- (CA INDEX NAME)



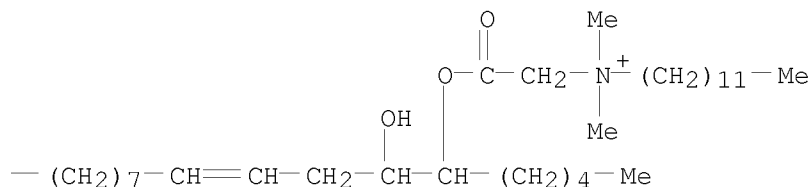
RN 442905-86-4 CAPLUS

CN 3,34-Dioxa-17,20-diazahexatriaconta-7,29-diene-1,36-diaminium, N1-dodecyl-5,32-dihydroxy-N1,N1,N36,N36,N36-pentamethyl-2,16,21,35-tetraoxo-4,33-dipentyl- (CA INDEX NAME)

PAGE 1-A



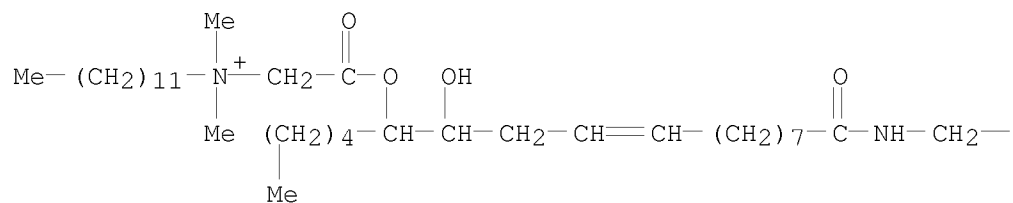
PAGE 1-B



RN 442905-89-7 CAPLUS

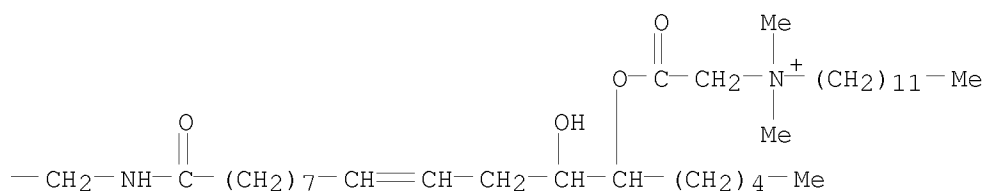
CN 3,34-Dioxa-17,20-diazaheptatriaconta-7,29-diene-1,36-diaminium,  
N1,N36-didodecyl-5,32-dihydroxy-N1,N1,N36,N36-tetramethyl-2,16,21,35-  
tetraoxo-4,33-dipentyl-, chloride (1:2) (CA INDEX NAME)

PAGE 1-A



● 2 Cl<sup>-</sup>

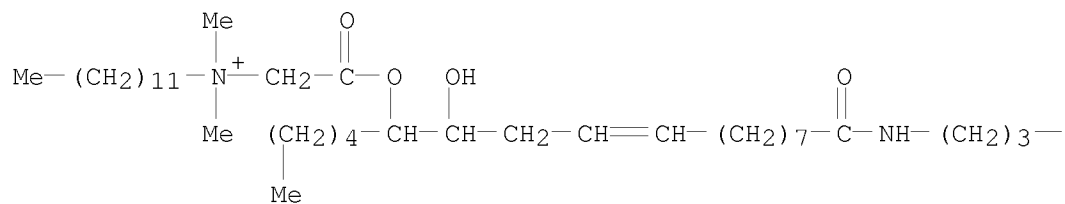
PAGE 1-B



RN 442905-91-1 CAPLUS

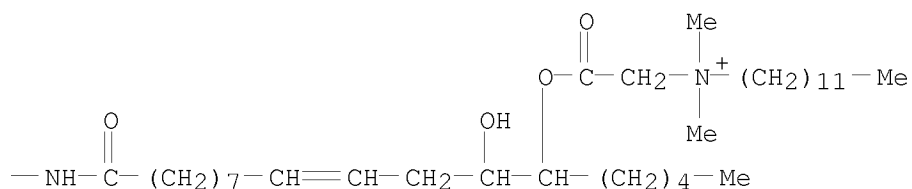
CN 3,35-Dioxa-17,21-diazaheptatriaconta-7,30-diene-1,37-diaminium,  
N1,N37-didodecyl-5,33-dihydroxy-N1,N1,N37,N37-tetramethyl-2,16,22,36-  
tetraoxo-4,34-dipentyl-, chloride (1:2) (CA INDEX NAME)

PAGE 1-A



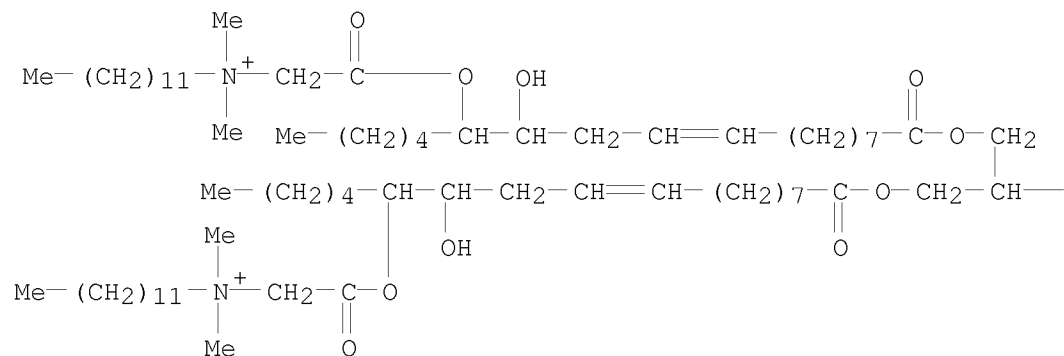
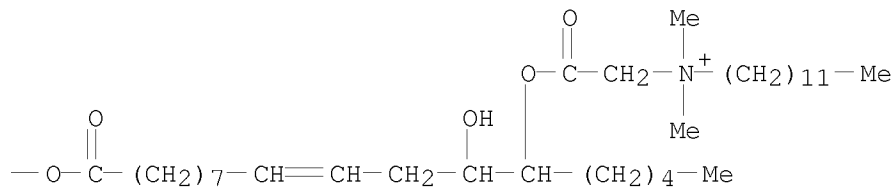
● 2 Cl<sup>-</sup>





RN 442906-02-7 CAPLUS

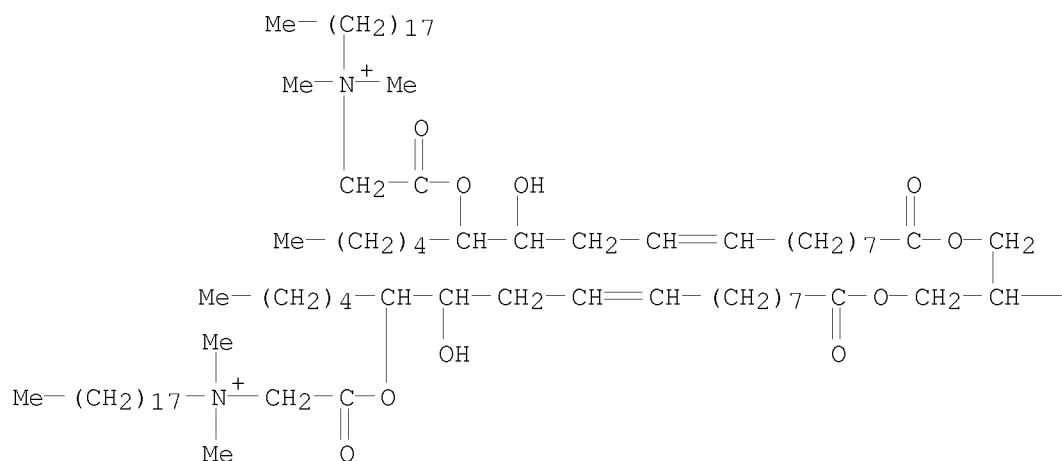
CN 3,17,21,35-Tetraoxaheptatriaconta-7,30-diene-1,37-diaminium,  
N,N'-didodecyl-19-[[13-[(dodecyldimethylammonio)acetyl]oxy]-12-hydroxy-1-  
oxo-9-octadecenyl]oxy]-5,33-dihydroxy-N,N,N',N'-tetramethyl-2,16,22,36-  
tetraoxo-4,34-dipentyl-, trichloride (9CI) (CA INDEX NAME)

 $\bullet_3 \text{ Cl}^-$ 

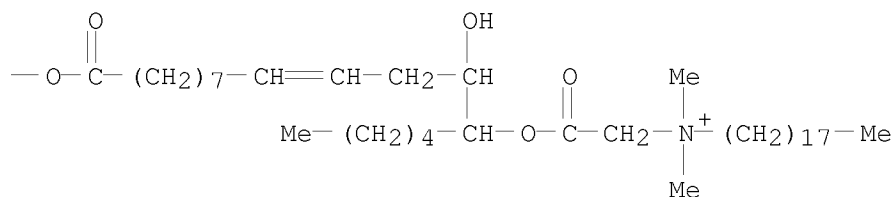
RN 442906-03-8 CAPLUS

CN 3,17,21,35-Tetraoxaheptatriaconta-7,30-diene-1,37-diaminium,  
19-[[13-[(dimethyloctadecylammonio)acetyl]oxy]-12-hydroxy-1-oxo-9-  
octadecenyl]oxy]-5,33-dihydroxy-N,N,N',N'-tetramethyl-N,N'-dioctadecyl-  
2,16,22,36-tetraoxo-4,34-dipentyl- (9CI) (CA INDEX NAME)

PAGE 1-A

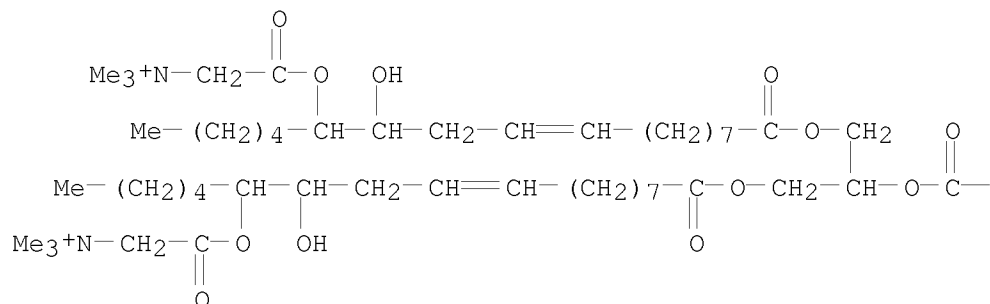


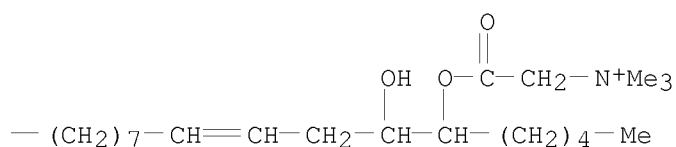
PAGE 1-B



RN 442906-04-9 CAPLUS  
 CN 3,17,21,35-Tetraoxaheptatriaconta-7,30-diene-1,37-diaminium,  
 5,33-dihydroxy-19-[[12-hydroxy-1-oxo-13-[[[(trimethylammonio)acetyl]oxy]-9-  
 octadecenyl]oxy]-N,N,N,N',N',N'-hexamethyl-2,16,22,36-tetraoxo-4,34-  
 dipentyl- (9CI) (CA INDEX NAME)

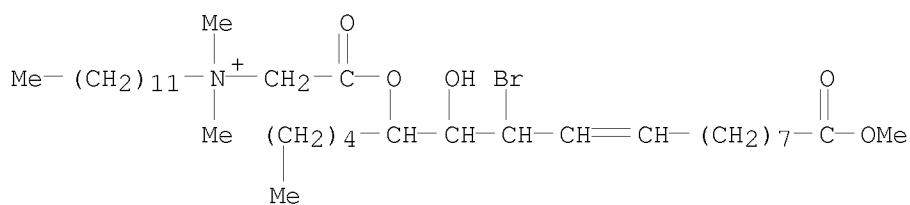
PAGE 1-A





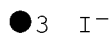
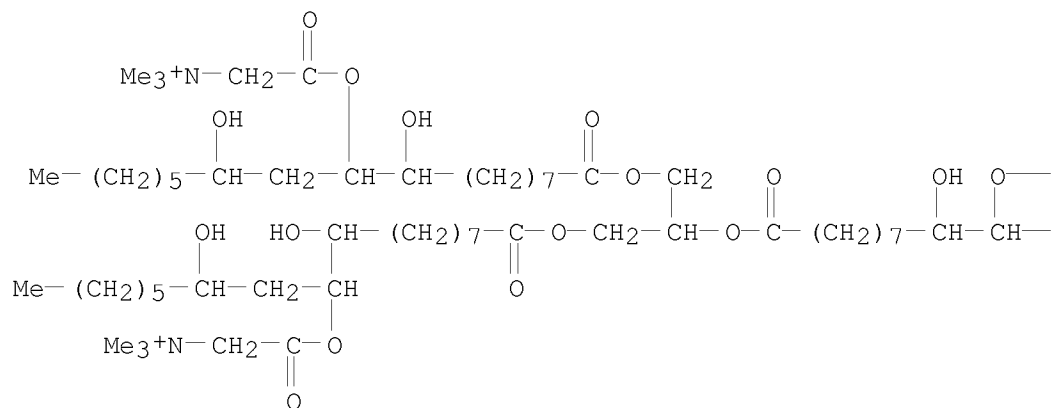
RN 442906-07-2 CAPLUS

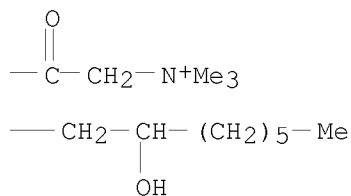
CN 1-Dodecanaminium, N-[2-[(3-bromo-2-hydroxy-13-methoxy-13-oxo-1-pentyl-4-tridecen-1-yl)oxy]-2-oxoethyl]-N,N-dimethyl-, chloride (1:1) (CA INDEX NAME)



RN 442906-08-3 CAPLUS

CN 3,14,18,29-Tetraoxahentriacontane-1,31-diaminium,  
16-[[[9,12-dihydroxy-1-oxo-10-[[ (trimethylammonio)acetyl]oxy]octdecyl]oxy]-  
5,27-dihydroxy-4,28-bis(2-hydroxyoctyl)-N,N,N,N',N',N'-hexamethyl-  
2,13,19,30-tetraoxo-, triiodide (9CI) (CA INDEX NAME)





OS.CITING REF COUNT: 4 THERE ARE 4 CAPLUS RECORDS THAT CITE THIS RECORD (4 CITINGS)

REFERENCE COUNT: 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 458 OF 1480 CAPLUS COPYRIGHT 2011 ACS on STN

ACCESSION NUMBER: 2002:529606 CAPLUS

DOCUMENT NUMBER: 138:21162

TITLE: Influence of hydrophobic mismatch and palmitoylation on the association of transmembrane  $\alpha$ -helical peptides with detergent-resistant membranes

AUTHOR(S): van Duyl, Bianca Y.; Rijkers, Dirk T. S.; de Kruijff, Ben; Killian, J. Antoinette

CORPORATE SOURCE: Institute of Biomembranes, CBLE, Department of Biochemistry of Membranes, Utrecht University, Utrecht, 3584 CH, Neth.

SOURCE: FEBS Letters (2002), 523(1-3), 79-84  
CODEN: FEBLAL; ISSN: 0014-5793

PUBLISHER: Elsevier Science B.V.

DOCUMENT TYPE: Journal

LANGUAGE: English

IT 478288-82-3

RL: PEP (Physical, engineering or chemical process); PRP (Properties); PYP (Physical process); PROC (Process)

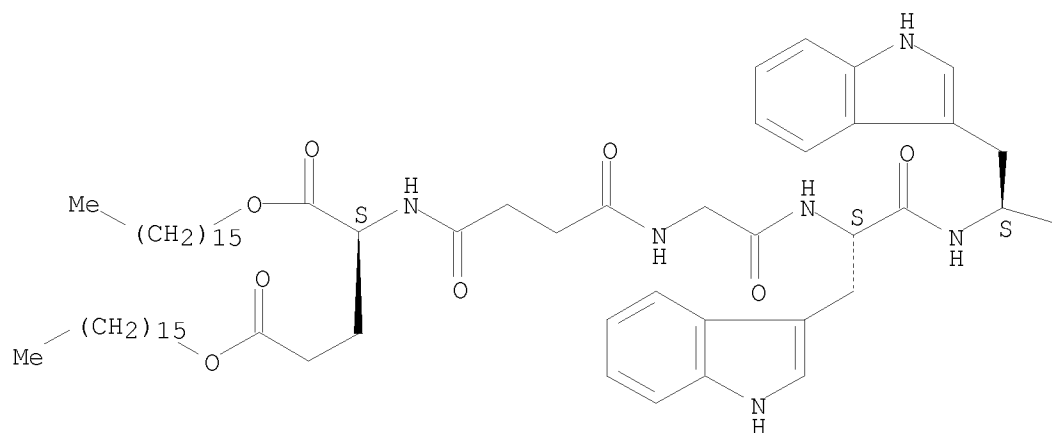
(neither hydrophobic matching nor palmitoylation is sufficient to promote association of transmembrane peptides with detergent-resistant membranes)

RN 478288-82-3 CAPLUS

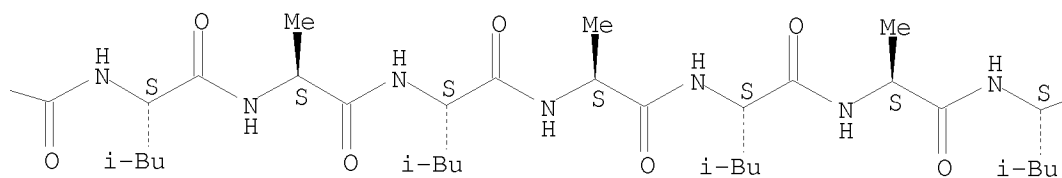
CN L-Alaninamide, N-[4-[(1S)-4-(hexadecyloxy)-1-[(hexadecyloxy)carbonyl]-4-oxobutyl]amino]-1,4-dioxobutyl]glycyl-L-tryptophyl-L-tryptophyl-L-leucyl-L-alanyl-L-leucyl-L-alanyl-L-leucyl-L-alanyl-L-leucyl-L-alanyl-L-leucyl-L-alanyl-L-leucyl-L-tryptophyl-L-tryptophyl- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

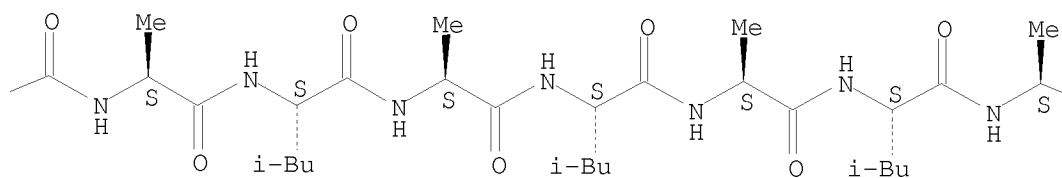
PAGE 1-A

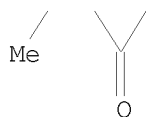
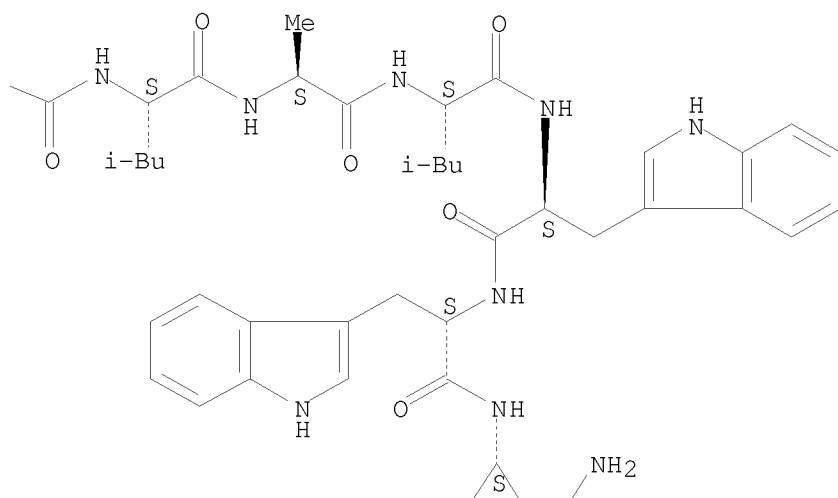


PAGE 1-B



PAGE 1-C





IT 478288-83-4

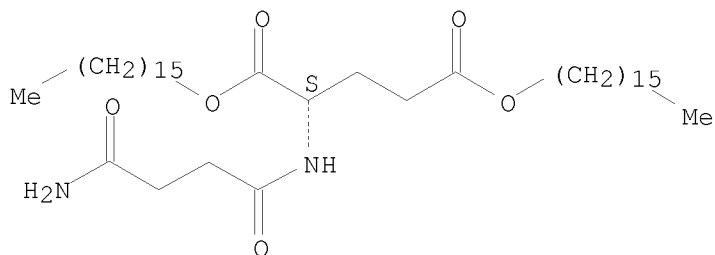
RL: RCT (Reactant); RACT (Reactant or reagent)

(neither hydrophobic matching nor palmitoylation is sufficient to promote association of transmembrane peptides with detergent-resistant membranes)

RN 478288-83-4 CAPLUS

CN L-Glutamic acid, N-(4-amino-1,4-dioxobutyl)-, dihexadecyl ester (9CI) (CA INDEX NAME)

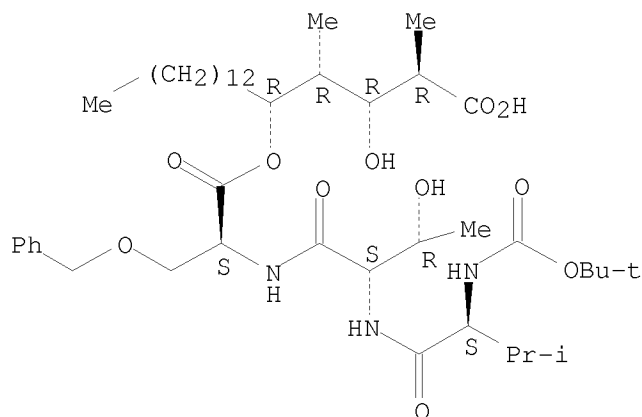
Absolute stereochemistry.



OS.CITING REF COUNT:	36	THERE ARE 36 CAPLUS RECORDS THAT CITE THIS RECORD (36 CITINGS)
REFERENCE COUNT:	44	THERE ARE 44 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

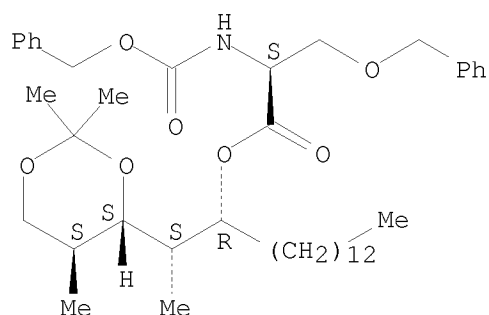
L3 ANSWER 459 OF 1480 CAPLUS COPYRIGHT 2011 ACS on STN  
 ACCESSION NUMBER: 2002:415343 CAPLUS  
 DOCUMENT NUMBER: 137:279444  
 TITLE: Total synthesis of (-)-stevastelin B  
 AUTHOR(S): Kurosawa, Kazuo; Nagase, Toshihiko; Chida, Noritaka  
 CORPORATE SOURCE: Department of Applied Chemistry, Faculty of Science  
 and Technology, Keio University, Hiyoshi, Kohoku-ku,  
 Yokohama, 223-8522, Japan  
 SOURCE: Chemical Communications (Cambridge, United Kingdom)  
 (2002), (12), 1280-1281  
 CODEN: CHCOFS; ISSN: 1359-7345  
 PUBLISHER: Royal Society of Chemistry  
 DOCUMENT TYPE: Journal  
 LANGUAGE: English  
 OTHER SOURCE(S): CASREACT 137:279444  
 IT 350817-28-6P 467224-47-1P 467224-48-2P  
 467224-49-3P 467224-50-6P  
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT  
 (Reactant or reagent)  
 (total synthesis of the 15-membered cyclic depsipeptide stevastelin B)  
 RN 350817-28-6 CAPLUS  
 CN L-Serine, N-[(1,1-dimethylethoxy)carbonyl]-L-valyl-L-threonyl-O-  
 (phenylmethyl)-, (1R)-1-[(1R,2R,3R)-3-carboxy-2-hydroxy-1-  
 methylbutyl]tetradecyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry. Rotation (-).



RN 467224-47-1 CAPLUS  
 CN L-Serine, N-[(phenylmethoxy)carbonyl]-O-(phenylmethyl)-,  
 (1R)-1-[(1S)-1-[(4S,5S)-2,2,5-trimethyl-1,3-dioxan-4-yl]ethyl]tetradecyl  
 ester (CA INDEX NAME)

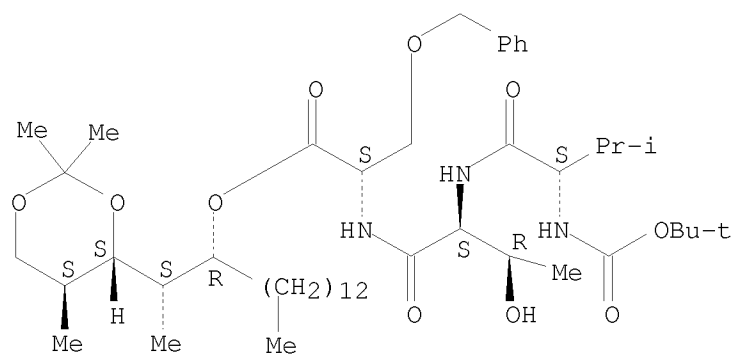
Absolute stereochemistry.



RN 467224-48-2 CAPLUS

CN L-Serine, N-[(1,1-dimethylethoxy)carbonyl]-L-valyl-L-threonyl-O-(phenylmethyl)-, (1R)-1-[(1S)-1-[(4S,5S)-2,2,5-trimethyl-1,3-dioxan-4-yl]ethyl]tetradecyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry. Rotation (+).

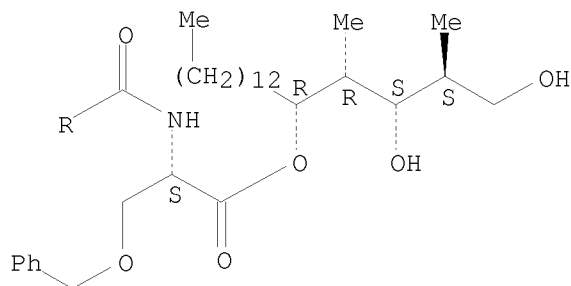


RN 467224-49-3 CAPLUS

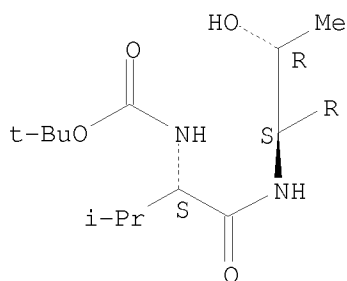
CN L-Serine, N-[(1,1-dimethylethoxy)carbonyl]-L-valyl-L-threonyl-O-(phenylmethyl)-, (1R)-1-[(1R,2S,3S)-2,4-dihydroxy-1,3-dimethylbutyl]tetradecyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry. Rotation (-).

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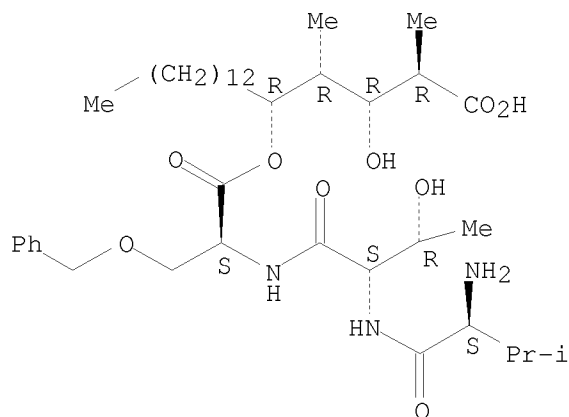






RN 467224-50-6 CAPLUS  
 CN L-Serine, L-valyl-L-threonyl-O-(phenylmethyl)-,  
 (1R)-1-[(1R,2R,3R)-3-carboxy-2-hydroxy-1-methylbutyl]tetradecyl ester  
 (9CI) (CA INDEX NAME)

Absolute stereochemistry. Rotation (-).



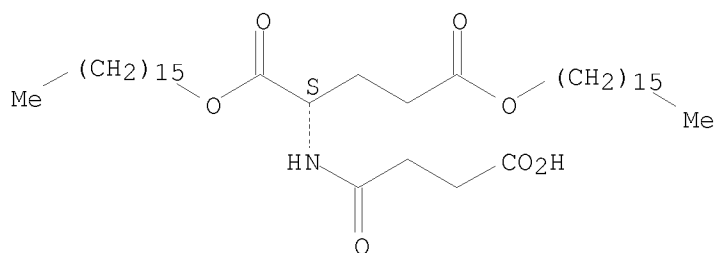
OS.CITING REF COUNT: 17 THERE ARE 17 CAPLUS RECORDS THAT CITE THIS  
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 REFERENCE COUNT: 20 THERE ARE 20 CITED REFERENCES AVAILABLE FOR THIS  
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L3 ANSWER 460 OF 1480 CAPLUS COPYRIGHT 2011 ACS on STN  
 ACCESSION NUMBER: 2002:368440 CAPLUS  
 DOCUMENT NUMBER: 136:386401  
 TITLE: Preparation of carboxylic acid type lipid as lipid for  
 endoplasmic reticulum  
 INVENTOR(S): Tsuchida, Eishun; Takeoka, Shinji; Sou, Keitaro;  
 Ohkawa, Haruki; Mori, Katsura  
 PATENT ASSIGNEE(S): Japan Science and Technology Corporation, Japan  
 SOURCE: PCT Int. Appl., 36 pp.  
 CODEN: PIXXD2  
 DOCUMENT TYPE: Patent  
 LANGUAGE: Japanese  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002038530	A1	20020516	WO 2001-JP9829	20011109
W: JP, US				

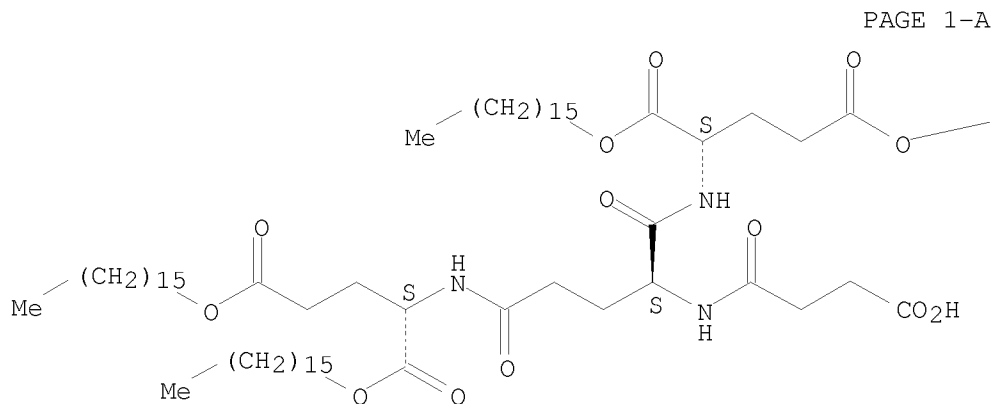
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 PT, SE, TR  
 EP 1340740 A1 20030903 EP 2001-993596 20011109  
 EP 1340740 B1 20100908  
 R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,  
 IE, FI, CY, TR  
 JP 4226324 B2 20090218 JP 2002-541069 20011109  
 US 20040028638 A1 20040212 US 2003-416275 20030702  
 US 6949663 B2 20050927  
 PRIORITY APPLN. INFO.: JP 2000-344458 A 20001110  
 WO 2001-JP9829 W 20011109  
 ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT  
 OTHER SOURCE(S): MARPAT 136:386401  
 IT 125401-63-0P 427375-59-5P  
 RL: BUU (Biological use, unclassified); SPN (Synthetic preparation); BIOL  
 (Biological study); PREP (Preparation); USES (Uses)  
 (preparation of carboxylic acid type lipid as lipid for endoplasmic  
 reticulum)  
 RN 125401-63-0 CAPLUS  
 CN L-Glutamic acid, N-(3-carboxy-1-oxopropyl)-, 1,5-dihexadecyl ester (CA  
 INDEX NAME)

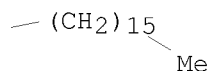
Absolute stereochemistry.



RN 427375-59-5 CAPLUS  
 CN L-Glutamic acid, N-(3-carboxy-1-oxopropyl)-L-glutamoylbis-,  
 2,2,2',2'-tetrahexadecyl ester (9CI) (CA INDEX NAME)

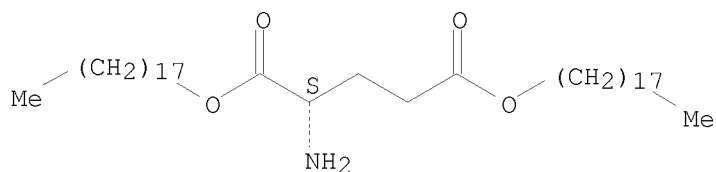
Absolute stereochemistry.





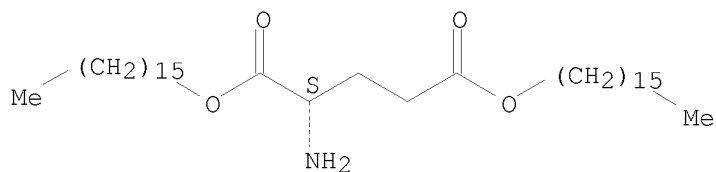
IT 59274-89-4P, L-Glutamic acid dioctadecyl ester  
 59274-90-7P, L-Glutamic acid dihexadecyl ester  
 427375-57-3P 427375-58-4P  
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT  
 (Reactant or reagent)  
 (preparation of carboxylic acid type lipid as lipid for endoplasmic  
 reticulum)  
 RN 59274-89-4 CAPLUS  
 CN L-Glutamic acid, 1,5-dioctadecyl ester (CA INDEX NAME)

Absolute stereochemistry.



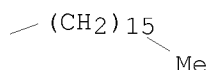
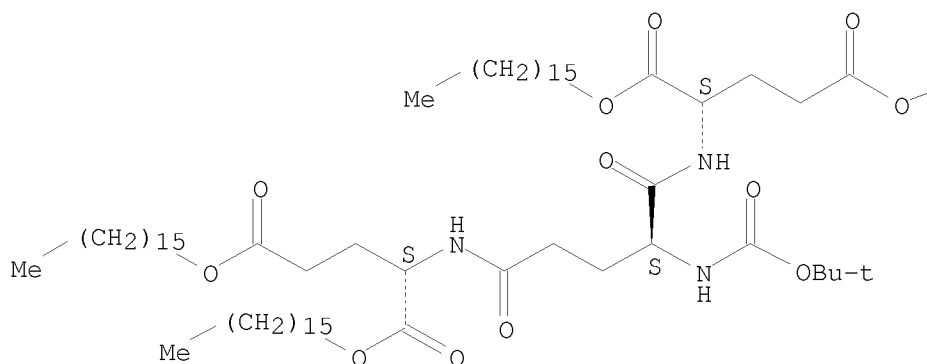
RN 59274-90-7 CAPLUS  
 CN L-Glutamic acid, 1,5-dihexadecyl ester (CA INDEX NAME)

Absolute stereochemistry.



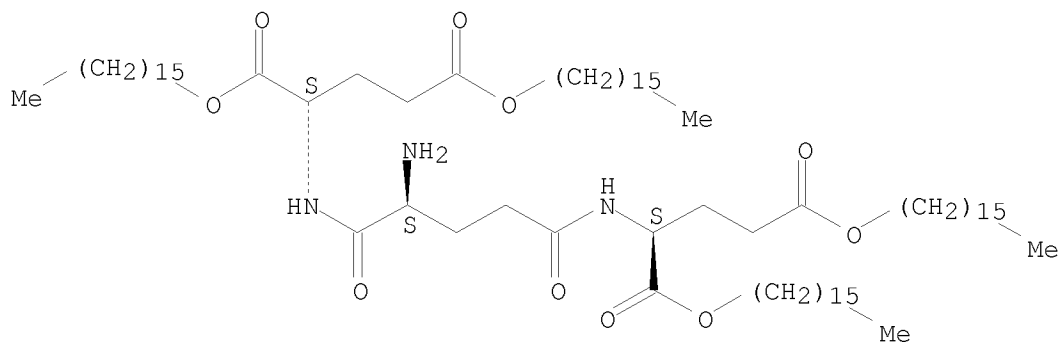
RN 427375-57-3 CAPLUS  
 CN L-Glutamic acid, N-[(1,1-dimethylethoxy)carbonyl]-L-glutamoylbis-,  
 tetrahexadecyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 427375-58-4 CAPLUS  
 CN L-Glutamic acid, L-glutamoylbis-, tetrahexadecyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



OS.CITING REF COUNT: 2 THERE ARE 2 CAPLUS RECORDS THAT CITE THIS RECORD (6 CITINGS)  
 REFERENCE COUNT: 7 THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 461 OF 1480 CAPLUS COPYRIGHT 2011 ACS on STN  
 ACCESSION NUMBER: 2002:353313 CAPLUS  
 DOCUMENT NUMBER: 136:355484  
 TITLE: Novel targeted compositions for diagnostic and therapeutic use  
 INVENTOR(S): Unger, Evan C.; Matsunaga, Terry O.; Schumann, Patricia A.  
 PATENT ASSIGNEE(S): ImaRx Therapeutics, Inc., USA  
 SOURCE: PCT Int. Appl., 206 pp., Chemical Indexing Equivalent to 149:576836 (US)  
 CODEN: PIXXD2

DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 11  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002036161	A2	20020510	WO 2001-US32308	20011017
WO 2002036161	A3	20030925		
W: AU, CA, JP				
RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR				
US 7452551	B1	20081118	US 2000-699679	20001030
CA 2428606	A1	20020510	CA 2001-2428606	20011017
AU 2002013285	A	20020515	AU 2002-13285	20011017
EP 1365805	A2	20031203	EP 2001-981655	20011017
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI, CY, TR				
JP 2005500245	T	20050106	JP 2002-538970	20011017
AU 2002213285	B2	20061221	AU 2002-213285	20011017
PRIORITY APPLN. INFO.:			US 2000-699679	A 20001030
			WO 2001-US32308	W 20011017

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT

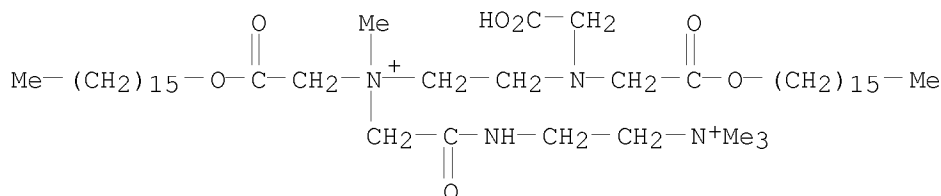
OTHER SOURCE(S): MARPAT 136:355484

IT 186750-14-1P

RL: DGN (Diagnostic use); PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)  
 (targeted compns. for diagnostic and therapeutic use)

RN 186750-14-1 CAPLUS

CN 12-Oxa-3,9-diaza-6-azoniaoctacosan-1-aminium,  
 9-(carboxymethyl)-6-[2-(hexadecyloxy)-2-oxoethyl]-N,N,N,6-tetramethyl-4,11-dioxo-, iodide (1:2) (CA INDEX NAME)



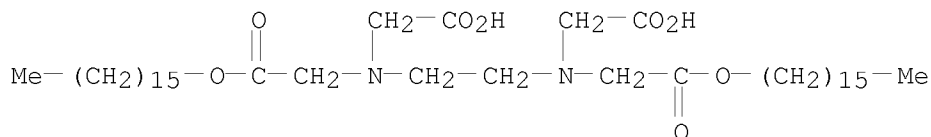
● 2 I<sup>-</sup>

IT 56309-86-5P 186750-15-2P

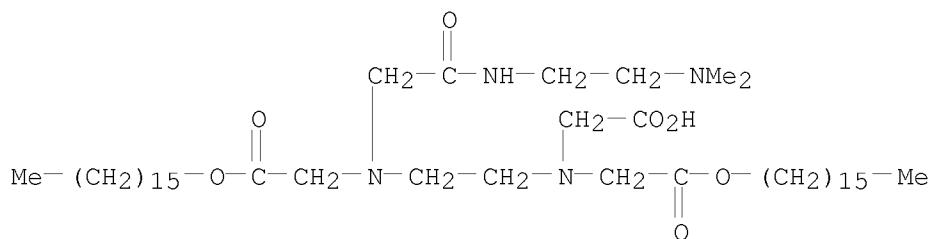
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)  
 (targeted compns. for diagnostic and therapeutic use)

RN 56309-86-5 CAPLUS

CN Glycine, N,N'-1,2-ethanediylbis[N-(carboxymethyl)-, 1,1'-dihexadecyl ester  
 (CA INDEX NAME)



RN 186750-15-2 CAPLUS  
 CN 2,5,8,11-Tetraazatridecan-13-oic acid,  
 11-(carboxymethyl)-8-[2-(hexadecyloxy)-2-oxoethyl]-2-methyl-6-oxo-,  
 13-hexadecyl ester (CA INDEX NAME)



OS.CITING REF COUNT: 2 THERE ARE 2 CAPLUS RECORDS THAT CITE THIS RECORD  
 (2 CITINGS)  
 REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS  
 RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

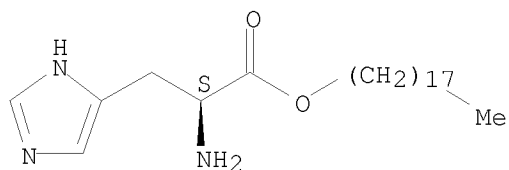
L3 ANSWER 462 OF 1480 CAPLUS COPYRIGHT 2011 ACS on STN  
 ACCESSION NUMBER: 2002:347381 CAPLUS  
 DOCUMENT NUMBER: 136:374784  
 TITLE: Substituted tetraphenyl(metallo)porphyrins, and  
 artificial oxygen carriers containing the  
 metalloporphyrins  
 INVENTOR(S): Tsuchida, Hidetoshi; Komatsu, Akiyuki; Matsukawa,  
 Yasuko; Miyatake, Kaoru  
 PATENT ASSIGNEE(S): Foundation for Scientific Technology Promotion, Japan  
 SOURCE: Jpn. Kokai Tokkyo Koho, 10 pp.  
 CODEN: JKXXAF  
 DOCUMENT TYPE: Patent  
 LANGUAGE: Japanese  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2002128781	A	20020509	JP 2000-320025	20001019
JP 3455174	B2	20031014		
PRIORITY APPLN. INFO.:			JP 2000-320025	20001019
OTHER SOURCE(S):	MARPAT 136:374784			
IT 422509-70-4				

RL: RCT (Reactant); RACT (Reactant or reagent)  
 (preparation of substituted-tetraphenyl(metallo)porphyrins having histidine  
 derivative as axial ligand for artificial oxygen carriers)

RN 422509-70-4 CAPLUS  
 CN L-Histidine, octadecyl ester, dihydrochloride (9CI) (CA INDEX NAME)

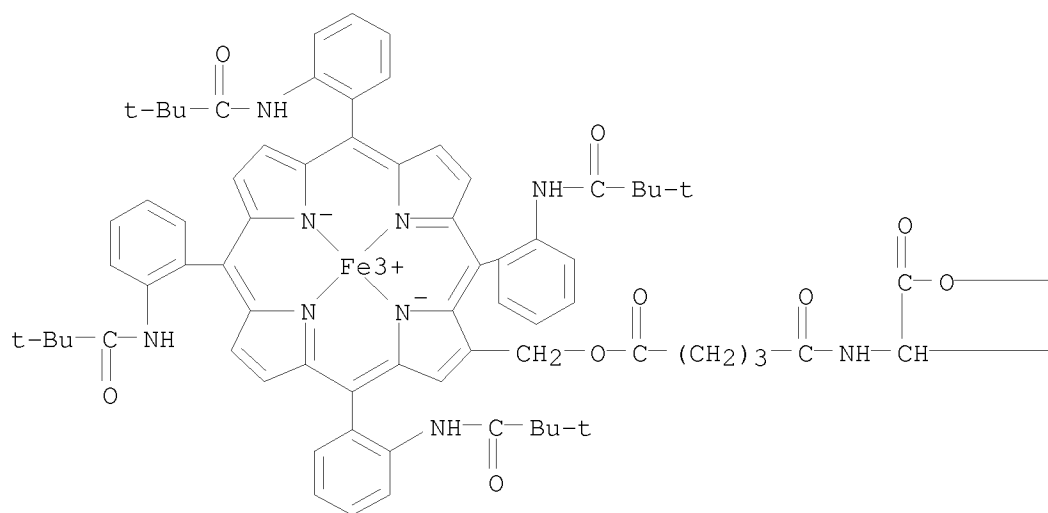
Absolute stereochemistry.

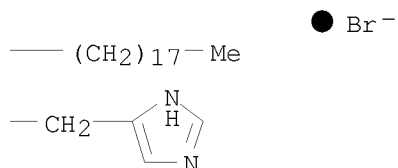


● 2 HCl

IT 422511-43-1P  
 RL: SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)  
 (preparation of substituted-tetraphenyl(metallo)porphyrins having histidine derivative as axial ligand for artificial oxygen carriers)  
 RN 422511-43-1 CAPLUS  
 CN Iron(1+), [octadecyl N-[1,5-dioxo-5-[[5,10,15,20-tetrakis[2-[(2,2-dimethyl-1-oxopropyl)amino]phenyl]-21H,23H-porphin-2-yl-κN21,κN22,κN23,κN24]methoxy]pentyl]-L-histidinato(2-)]-, bromide, (SP-4-2)- (9CI) (CA INDEX NAME)

PAGE 1-A





OS.CITING REF COUNT: 2 THERE ARE 2 CAPLUS RECORDS THAT CITE THIS RECORD  
(2 CITINGS)

L3 ANSWER 463 OF 1480 CAPLUS COPYRIGHT 2011 ACS on STN  
 ACCESSION NUMBER: 2002:345991 CAPLUS  
 DOCUMENT NUMBER: 136:325827  
 TITLE: Method of synthesis of betaine esters  
 INVENTOR(S): Farone, William A.; Palmer, Tracy  
 PATENT ASSIGNEE(S): Applied Power Concepts, Inc., USA  
 SOURCE: U.S., 5 pp.  
 CODEN: USXXAM

DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 6384266	B1	20020507	US 2000-655977	20000905

PRIORITY APPLN. INFO.: US 2000-655977 20000905

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT

OTHER SOURCE(S): CASREACT 136:325827

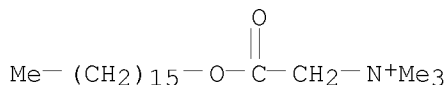
IT 52132-48-6P

RL: IMF (Industrial manufacture); SPN (Synthetic preparation); PREP  
 (Preparation)

(environmentally acceptable method of producing glycine betaine esters)

RN 52132-48-6 CAPLUS

CN Ethanaminium, 2-(hexadecyloxy)-N,N,N-trimethyl-2-oxo-, chloride (1:1) (CA  
 INDEX NAME)



OS.CITING REF COUNT: 2 THERE ARE 2 CAPLUS RECORDS THAT CITE THIS RECORD  
(2 CITINGS)



REFERENCE COUNT: 15 THERE ARE 15 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 464 OF 1480 CAPLUS COPYRIGHT 2011 ACS on STN  
ACCESSION NUMBER: 2002:345220 CAPLUS  
DOCUMENT NUMBER: 136:377386  
TITLE: Silver halide color photographic material, its processing for improved area contrast, and its imaging by exposure with light-emitting diode  
INVENTOR(S): Kondo, Katsuji; Tanaka, Shigeo; Ofuku, Koji; Okubo, Yasushi  
PATENT ASSIGNEE(S): Konica Co., Japan  
SOURCE: Jpn. Kokai Tokkyo Koho, 43 pp.  
CODEN: JKXXAF  
DOCUMENT TYPE: Patent  
LANGUAGE: Japanese  
FAMILY ACC. NUM. COUNT: 6  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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JP 2002131878	A	20020509	JP 2000-323901	20001024
JP 4284854	B2	20090624		
US 20020076661	A1	20020620	US 2001-956974	20010920
PRIORITY APPLN. INFO.:			JP 2000-285047	A 20000920
			JP 2000-290465	A 20000925
			JP 2000-323901	A 20001024
			JP 2000-346389	A 20001114
			JP 2000-375819	A 20001211
			JP 2000-396640	A 20001227
			JP 2001-1267	A 20010109
			JP 2001-4997	A 20010112
			JP 2001-15800	A 20010124
			JP 2001-17220	A 20010125
			JP 2001-18419	A 20010126
			JP 2001-25356	A 20010201
			JP 2001-54240	A 20010328
			JP 2001-141425	A 20010511
			JP 2001-178370	A 20010613

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT

OTHER SOURCE(S): MARPAT 136:377386

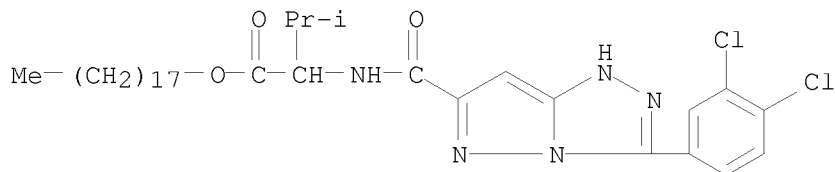
IT 209536-40-3

RL: TEM (Technical or engineered material use); USES (Uses)

(cyan coupler; processing of silver halide color photog. material with high area contrast by exposure with LED)

RN 209536-40-3 CAPLUS

CN Valine, N-[[3-(3,4-dichlorophenyl)-1H-pyrazolo[5,1-c]-1,2,4-triazol-6-yl]carbonyl]-, octadecyl ester (CA INDEX NAME)

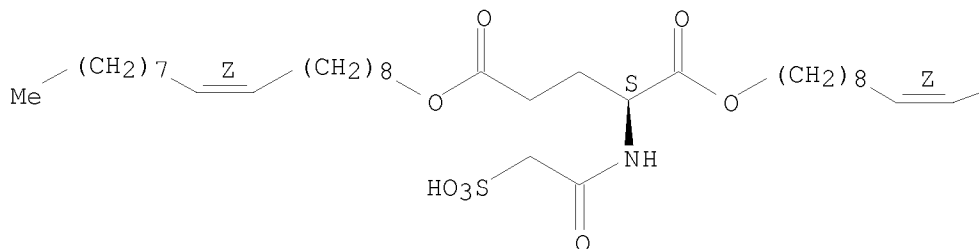


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L3 ANSWER 465 OF 1480 CAPLUS COPYRIGHT 2011 ACS on STN  
 ACCESSION NUMBER: 2002:316540 CAPLUS  
 DOCUMENT NUMBER: 137:149262  
 TITLE: Pillared honeycomb nanoarchitectures formed on solid surfaces by the self-assembly of lipid-packaged one-dimensional Pt complexes  
 AUTHOR(S): Lee, Chang-Soo; Kimizuka, Nobuo  
 CORPORATE SOURCE: Department of Chemistry and Biochemistry, Graduate School of Engineering, Kyushu University, Fukuoka, 812-8581, Japan  
 SOURCE: Proceedings of the National Academy of Sciences of the United States of America (2002), 99(8), 4922-4926  
 CODEN: PNASA6; ISSN: 0027-8424  
 PUBLISHER: National Academy of Sciences  
 DOCUMENT TYPE: Journal  
 LANGUAGE: English  
 OTHER SOURCE(S): CASREACT 137:149262  
 IT 444593-56-0  
 RL: RCT (Reactant); RACT (Reactant or reagent)  
 (reactant; self-assembly preparation and thermochromism of platinum (PtII/PtIV) diaminoethane 1-D complex with chiral lipophilic dioleoyl glutamate sulfonate amphiphilic anion with pillared honeycomb nanoarchitecture on solid surfaces)  
 RN 444593-56-0 CAPLUS  
 CN L-Glutamic acid, N-(sulfoacetyl)-, 1,5-di-(9Z)-9-octadecenyl ester, monosodium salt (9CI) (CA INDEX NAME)

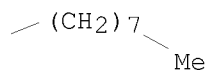
Absolute stereochemistry.  
 Double bond geometry as shown.

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● Na

PAGE 1-B



IT 444593-58-2P  
 RL: PRP (Properties); SPN (Synthetic preparation); PREP (Preparation)  
 (self-assembly preparation and thermochromism of platinum (PtII/PtIV) diaminoethane 1-D complex with chiral lipophilic dioleoyl glutamate sulfonate amphiphilic anion with pillared honeycomb nanoarchitecture on solid surfaces)  
 RN 444593-58-2 CAPLUS

CN Platinum(2+), bis(1,2-ethanediamine-κN,κN')-, (SP-4-1)-,  
 (OC-6-12)-dichlorobis(1,2-ethanediamine-κN,κN')platinum(2+)  
 salt with 1,5-di-(9Z)-9-octadecenyl N-(sulfoacetyl)-L-glutamate (1:1:4)  
 (9CI) (CA INDEX NAME)

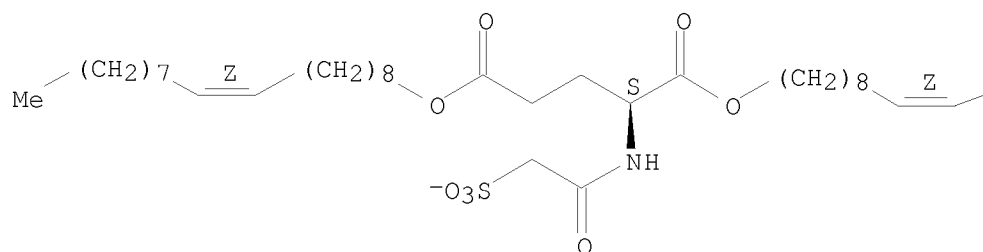
CM 1

CRN 444593-57-1

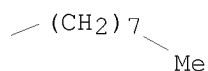
CMF C43 H78 N O8 S

Absolute stereochemistry.  
 Double bond geometry as shown.

PAGE 1-A



PAGE 1-B

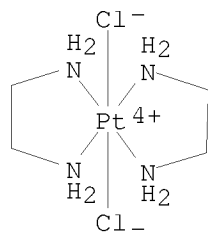


CM 2

CRN 29646-65-9

CMF C4 H16 Cl2 N4 Pt

CCI CCS

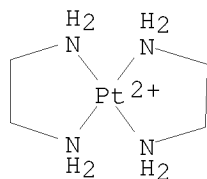


CM 3

CRN 19184-30-6

CMF C4 H16 N4 Pt

CCI CCS



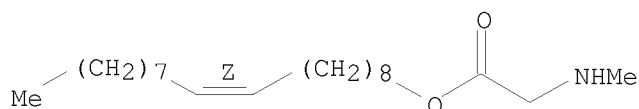
OS.CITING REF COUNT: 18 THERE ARE 18 CAPLUS RECORDS THAT CITE THIS RECORD (18 CITINGS)  
 REFERENCE COUNT: 24 THERE ARE 24 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 466 OF 1480 CAPLUS COPYRIGHT 2011 ACS on STN  
 ACCESSION NUMBER: 2002:313252 CAPLUS  
 DOCUMENT NUMBER: 136:349915  
 TITLE: Quantitative determination of total carbon of organic matter on gold wire  
 INVENTOR(S): Fujita, Kimihiko; Ito, Takao  
 PATENT ASSIGNEE(S): Sumitomo Metal Mining Co., Ltd., Japan  
 SOURCE: Jpn. Kokai Tokkyo Koho, 5 pp.  
 CODEN: JKXXAF  
 DOCUMENT TYPE: Patent  
 LANGUAGE: Japanese  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2002122581	A	20020426	JP 2000-314939	20001016
PRIORITY APPLN. INFO.:			JP 2000-314939	20001016

IT 10025-06-6, Oleyl sarcosine  
 RL: ANT (Analyte); ANST (Analytical study)  
 (quant. determination of total carbon of organic matter on gold wire by thermal decomposition gas chromatograph)  
 RN 10025-06-6 CAPLUS  
 CN Glycine, N-methyl-, (9Z)-9-octadecen-1-yl ester (CA INDEX NAME)

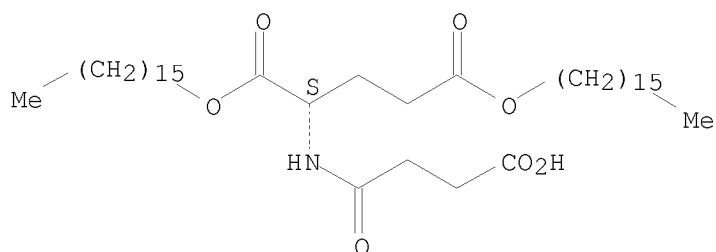
Double bond geometry as shown.



L3 ANSWER 467 OF 1480 CAPLUS COPYRIGHT 2011 ACS on STN  
 ACCESSION NUMBER: 2002:287166 CAPLUS  
 DOCUMENT NUMBER: 136:315317  
 TITLE: Surface force measurements of electrostatic and hydrogen-bonding interactions between bilayers of glycine amphiphiles  
 AUTHOR(S): Schneider, James; Berndt, Peter; Haverstick, Kraig; Kumar, Sanjay; Chiruvolu, Shiv; Tirrell, Matthew  
 CORPORATE SOURCE: Department of Chemical Engineering and Materials Science, University of Minnesota, Minneapolis, MN, 55455, USA  
 SOURCE: Langmuir (2002), 18(10), 3923-3931  
 CODEN: LANGD5; ISSN: 0743-7463

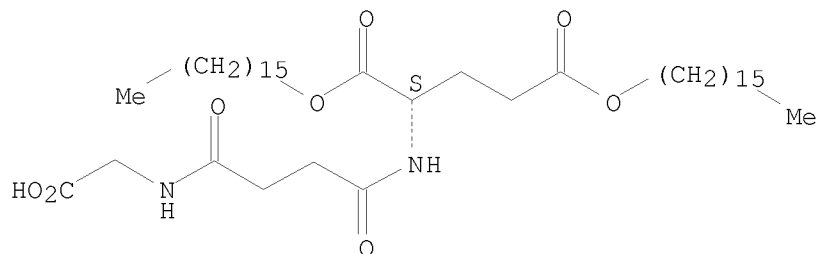
PUBLISHER: American Chemical Society  
 DOCUMENT TYPE: Journal  
 LANGUAGE: English  
 IT 125401-63-0P 171195-70-3P 409366-33-2P  
 409366-34-3P  
 RL: PRP (Properties); SPN (Synthetic preparation); PREP (Preparation)  
 (electrostatic and H-bonding interactions between bilayers of glycine  
 amphiphiles)  
 RN 125401-63-0 CAPLUS  
 CN L-Glutamic acid, N-(3-carboxy-1-oxopropyl)-, 1,5-dihexadecyl ester (CA  
 INDEX NAME)

Absolute stereochemistry.



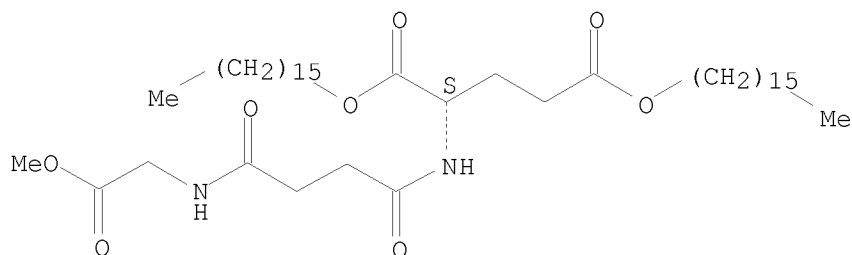
RN 171195-70-3 CAPLUS  
 CN L-Glutamic acid, N-[4-[(carboxymethyl)amino]-1,4-dioxobutyl]-,  
 1,5-dihexadecyl ester (CA INDEX NAME)

Absolute stereochemistry.



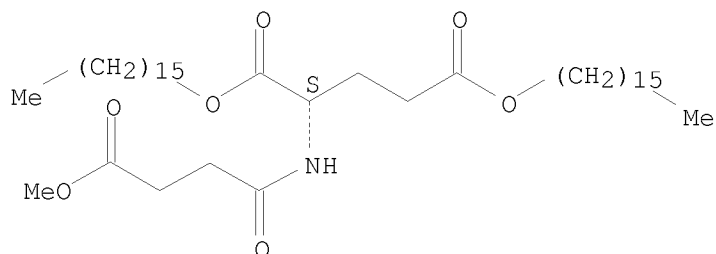
RN 409366-33-2 CAPLUS  
 CN L-Glutamic acid, N-[4-[(2-methoxy-2-oxoethyl)amino]-1,4-dioxobutyl]-,  
 dihexadecyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



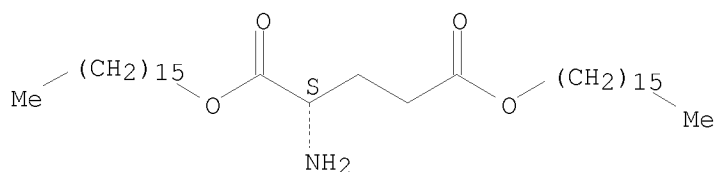
RN 409366-34-3 CAPLUS  
 CN L-Glutamic acid, N-(4-methoxy-1,4-dioxobutyl)-, dihexadecyl ester (9CI)  
 (CA INDEX NAME)

Absolute stereochemistry.

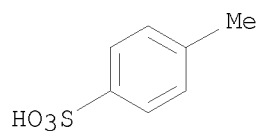


IT 95992-27-1P 171195-77-0P  
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT  
 (Reactant or reagent)  
 (electrostatic and H-bonding interactions between bilayers of glycine  
 amphiphiles studied using)  
 RN 95992-27-1 CAPLUS  
 CN L-Glutamic acid, dihexadecyl ester, 4-methylbenzenesulfonate (9CI) (CA  
 INDEX NAME)  
 CM 1  
 CRN 59274-90-7  
 CMF C37 H73 N O4

Absolute stereochemistry.

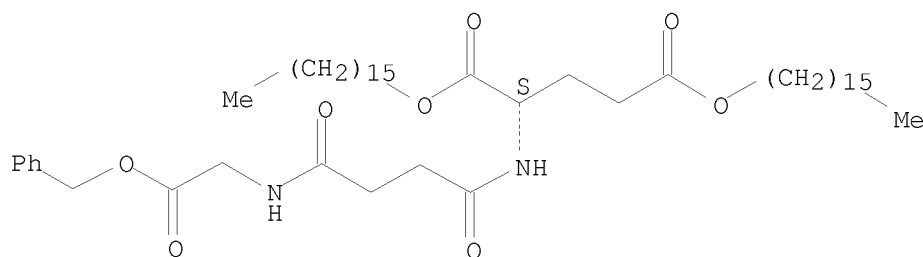


CM 2  
 CRN 104-15-4  
 CMF C7 H8 O3 S



RN 171195-77-0 CAPLUS  
 CN L-Glutamic acid, N-[1,4-dioxo-4-[[2-oxo-2-(phenylmethoxy)ethyl]amino]butyl]-, dihexadecyl ester (9CI) (CA INDEX  
 NAME)

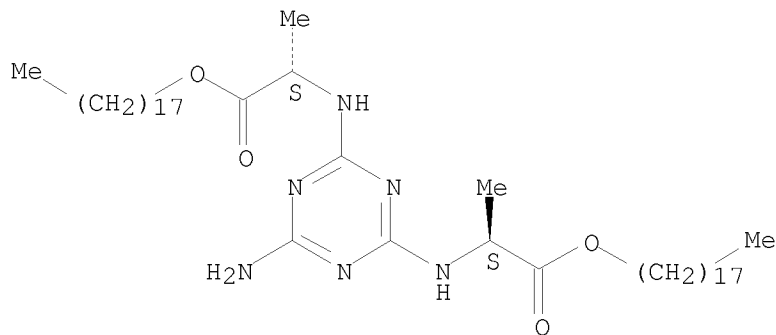
Absolute stereochemistry.



OS.CITING REF COUNT: 9 THERE ARE 9 CAPLUS RECORDS THAT CITE THIS RECORD (9 CITINGS)  
 REFERENCE COUNT: 62 THERE ARE 62 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 468 OF 1480 CAPLUS COPYRIGHT 2011 ACS on STN  
 ACCESSION NUMBER: 2002:255265 CAPLUS  
 DOCUMENT NUMBER: 137:62994  
 TITLE: Chiral perylene bisimide-melamine assemblies: hydrogen bond-directed growth of helically stacked dyes with chiroptical properties  
 AUTHOR(S): Thalacker, Christoph; Wurthner, Frank  
 CORPORATE SOURCE: Abteilung Organische Chemie II, Universitat Ulm, Ulm, D-89081, Germany  
 SOURCE: Advanced Functional Materials (2002), 12(3), 209-218  
 CODEN: AFMDC6; ISSN: 1616-301X  
 PUBLISHER: Wiley-VCH Verlag GmbH  
 DOCUMENT TYPE: Journal  
 LANGUAGE: English  
 OTHER SOURCE(S): CASREACT 137:62994  
 IT 439276-32-1P 439276-33-2P 439276-34-3P  
 439276-36-5P 439276-38-7P  
 RL: PEP (Physical, engineering or chemical process); PRP (Properties); PYP (Physical process); SPN (Synthetic preparation); PREP (Preparation); PROC (Process)  
 (H-bonding; chiral perylene bisimide-melamine assemblies exhibiting hydrogen bond-directed growth of helically stacked dyes with chiroptical properties)  
 RN 439276-32-1 CAPLUS  
 CN L-Alanine, N,N'-(6-amino-1,3,5-triazine-2,4-diyl)bis-, dioctadecyl ester (9CI) (CA INDEX NAME)

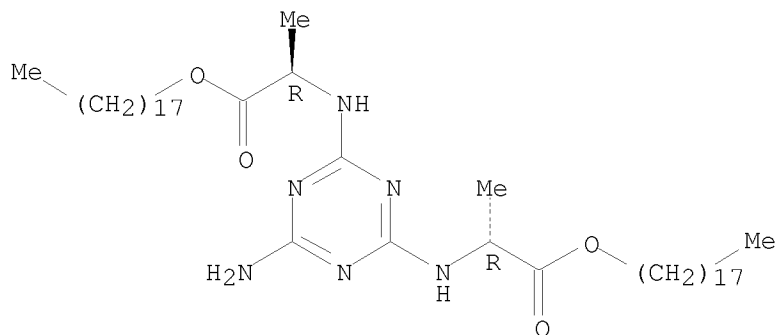
Absolute stereochemistry.



RN 439276-33-2 CAPLUS  
 CN D-Alanine, N,N'-(6-amino-1,3,5-triazine-2,4-diyl)bis-, dioctadecyl ester

(9CI) (CA INDEX NAME)

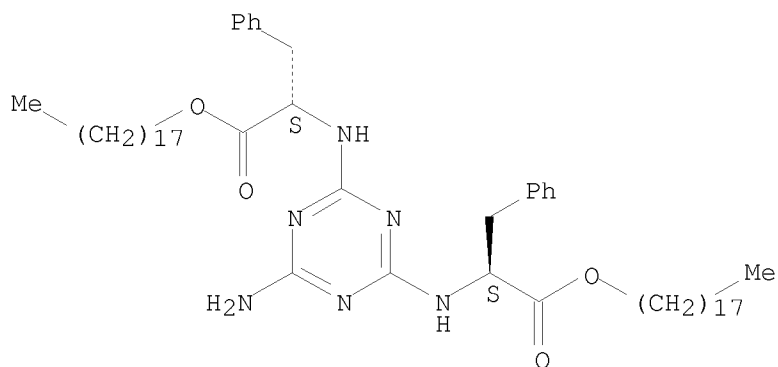
Absolute stereochemistry.



RN 439276-34-3 CAPLUS

CN L-Phenylalanine, N,N'-(6-amino-1,3,5-triazine-2,4-diyl)bis-, dioctadecyl ester (9CI) (CA INDEX NAME)

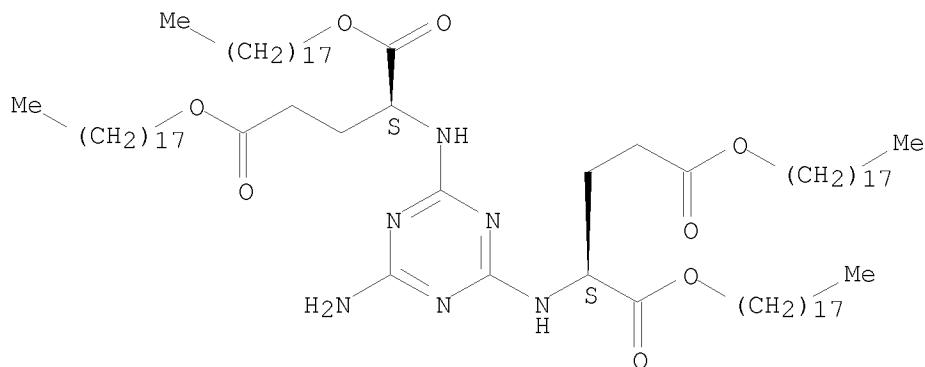
Absolute stereochemistry.



RN 439276-36-5 CAPLUS

CN L-Glutamic acid, N,N'-(6-amino-1,3,5-triazine-2,4-diyl)bis-, tetraoctadecyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



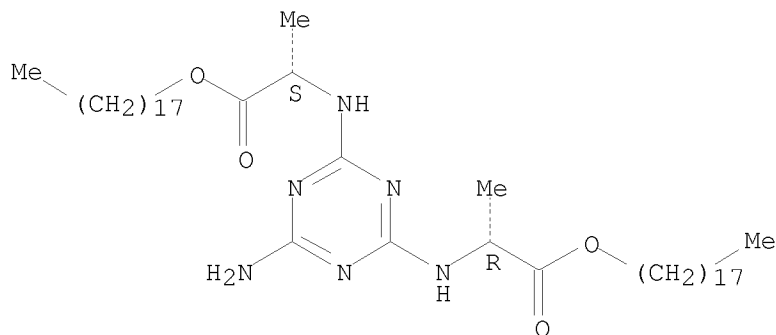
RN 439276-38-7 CAPLUS

CN D-Alanine, N-[4-amino-6-[[[(1S)-1-methyl-2-(octadecyloxy)-2-oxoethyl]amino]-2-oxoethyl]amino]-2-oxoethyl ester (9CI) (CA INDEX NAME)



1,3,5-triazin-2-yl]-, octadecyl ester (9CI) (CA INDEX NAME)

Relative stereochemistry.



IT 439276-37-6P

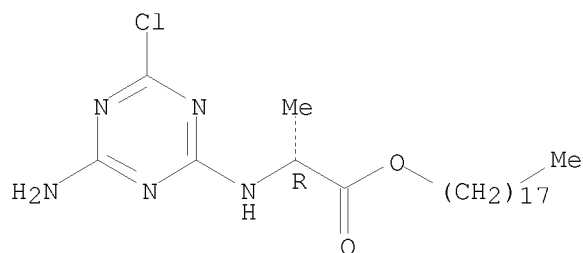
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(aminolysis; chiral perylene bisimide-melamine assemblies exhibiting hydrogen bond-directed growth of helically stacked dyes with chiroptical properties)

RN 439276-37-6 CAPLUS

CN D-Alanine, N-(4-amino-6-chloro-1,3,5-triazin-2-yl)-, octadecyl ester (CA INDEX NAME)

Absolute stereochemistry.



IT 439276-35-4P

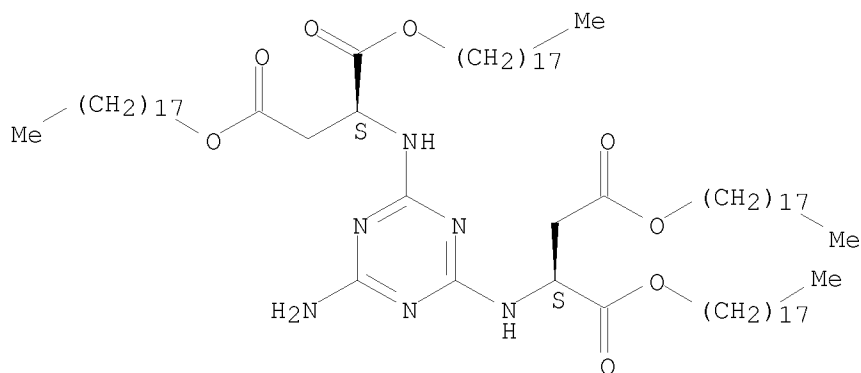
RL: SPN (Synthetic preparation); PREP (Preparation)

(chiral perylene bisimide-melamine assemblies exhibiting hydrogen bond-directed growth of helically stacked dyes with chiroptical properties)

RN 439276-35-4 CAPLUS

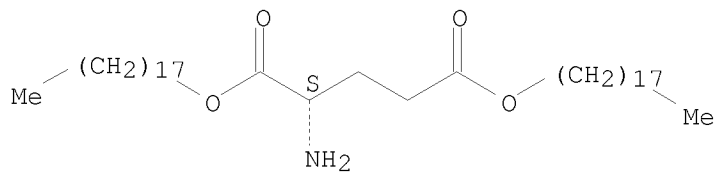
CN L-Aspartic acid, N,N'-(6-amino-1,3,5-triazine-2,4-diyl)bis-, tetraoctadecyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.

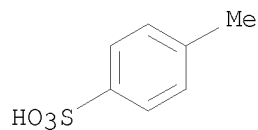


IT 129100-14-7 161483-27-8  
 RL: RCT (Reactant); RACT (Reactant or reagent)  
 (heteroarylation; chiral perylene bisimide-melamine assemblies  
 exhibiting hydrogen bond-directed growth of helically stacked dyes with  
 chiroptical properties)  
 RN 129100-14-7 CAPLUS  
 CN L-Glutamic acid, dioctadecyl ester, 4-methylbenzenesulfonate (9CI) (CA  
 INDEX NAME)  
 CM 1  
 CRN 59274-89-4  
 CMF C41 H81 N O4

Absolute stereochemistry.

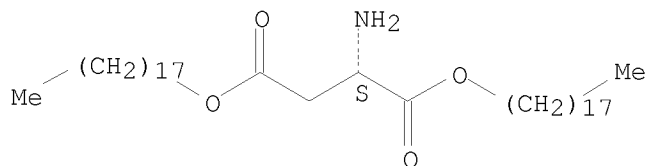


CM 2  
 CRN 104-15-4  
 CMF C7 H8 O3 S



RN 161483-27-8 CAPLUS  
 CN L-Aspartic acid, dioctadecyl ester, 4-methylbenzenesulfonate (9CI) (CA  
 INDEX NAME)  
 CM 1  
 CRN 35039-69-1  
 CMF C40 H79 N O4

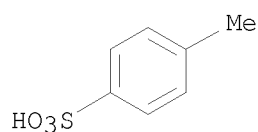
Absolute stereochemistry.



CM 2

CRN 104-15-4

CMF C7 H8 O3 S



IT 439276-28-5P 439276-30-9P 439276-31-0P  
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT  
 (Reactant or reagent)  
 (heteroarylation; chiral perylene bisimide-melamine assemblies  
 exhibiting hydrogen bond-directed growth of helically stacked dyes with  
 chiroptical properties)

RN 439276-28-5 CAPLUS

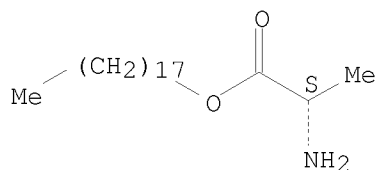
CN L-Alanine, octadecyl ester, 4-methylbenzenesulfonate (9CI) (CA INDEX  
 NAME)

CM 1

CRN 76495-84-6

CMF C21 H43 N O2

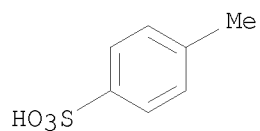
Absolute stereochemistry.



CM 2

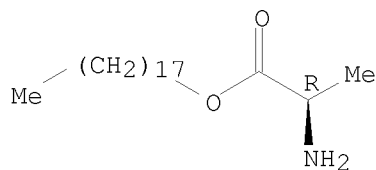
CRN 104-15-4

CMF C7 H8 O3 S

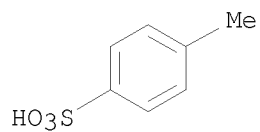


RN 439276-30-9 CAPLUS  
 CN D-Alanine, octadecyl ester, 4-methylbenzenesulfonate (9CI) (CA INDEX NAME)  
 CM 1  
 CRN 439276-29-6  
 CMF C21 H43 N O2

Absolute stereochemistry.

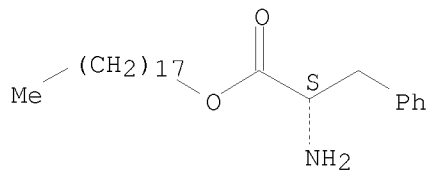


CM 2  
 CRN 104-15-4  
 CMF C7 H8 O3 S



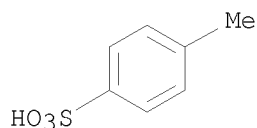
RN 439276-31-0 CAPLUS  
 CN L-Phenylalanine, octadecyl ester, 4-methylbenzenesulfonate (9CI) (CA INDEX NAME)  
 CM 1  
 CRN 129511-48-4  
 CMF C27 H47 N O2

Absolute stereochemistry.



CM 2

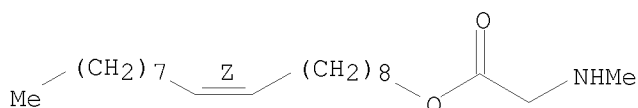
CRN 104-15-4  
CMF C7 H8 O3 S



OS.CITING REF COUNT: 70 THERE ARE 70 CAPLUS RECORDS THAT CITE THIS  
RECORD (70 CITINGS)  
REFERENCE COUNT: 80 THERE ARE 80 CITED REFERENCES AVAILABLE FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 469 OF 1480 CAPLUS COPYRIGHT 2011 ACS on STN  
ACCESSION NUMBER: 2002:200654 CAPLUS  
DOCUMENT NUMBER: 136:287971  
TITLE: Creation of 3-D crystals from single cobalt  
nanoparticles in external magnetic fields  
AUTHOR(S): Hilgendorff, Michael; Tesche, Bernd; Giersig, Michael  
CORPORATE SOURCE: Hahn-Meitner-Institut, Berlin, 14109, Germany  
SOURCE: Australian Journal of Chemistry (2001), 54(8), 497-501  
CODEN: AJCHAS; ISSN: 0004-9425  
PUBLISHER: CSIRO Publishing  
DOCUMENT TYPE: Journal  
LANGUAGE: English  
IT 10025-06-6, Oleylsarcosine  
RL: RCT (Reactant); RACT (Reactant or reagent)  
(magnetophoretic deposition with monodisperse nanocryst. cobalt  
particles in nonpolar colloidal dispersions for creation of 3-D  
crystals)  
RN 10025-06-6 CAPLUS  
CN Glycine, N-methyl-, (9Z)-9-octadecen-1-yl ester (CA INDEX NAME)

Double bond geometry as shown.



OS.CITING REF COUNT: 40 THERE ARE 40 CAPLUS RECORDS THAT CITE THIS  
RECORD (40 CITINGS)  
REFERENCE COUNT: 21 THERE ARE 21 CITED REFERENCES AVAILABLE FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 470 OF 1480 CAPLUS COPYRIGHT 2011 ACS on STN  
ACCESSION NUMBER: 2002:131505 CAPLUS  
DOCUMENT NUMBER: 136:175429  
TITLE: Photographic element containing improved stabilizer  
INVENTOR(S): Mura, Albert J., Jr.; Eiff, Shari L.; Russo, Gary M.  
PATENT ASSIGNEE(S): Eastman Kodak Company, USA  
SOURCE: U.S., 14 pp.  
CODEN: USXXAM  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 6348306	B1	20020219	US 2000-679743	20001005
EP 1195643	A2	20020410	EP 2001-203603	20010924
EP 1195643	A3	20020807		

R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO

PRIORITY APPLN. INFO.: US 2000-679743 A 20001005

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT

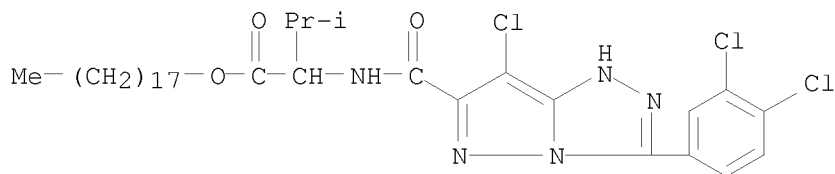
OTHER SOURCE(S): MARPAT 136:175429

IT 220611-89-2

RL: TEM (Technical or engineered material use); USES (Uses)  
(coupler; photog. element containing improved stabilizer)

RN 220611-89-2 CAPLUS

CN Valine, N-[[7-chloro-3-(3,4-dichlorophenyl)-1H-pyrazolo[5,1-c]-1,2,4-triazol-6-yl]carbonyl]-, octadecyl ester (CA INDEX NAME)



OS.CITING REF COUNT: 2 THERE ARE 2 CAPLUS RECORDS THAT CITE THIS RECORD (2 CITINGS)

REFERENCE COUNT: 8 THERE ARE 8 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 471 OF 1480 CAPLUS COPYRIGHT 2011 ACS on STN

ACCESSION NUMBER: 2002:127084 CAPLUS

DOCUMENT NUMBER: 136:326070

TITLE: Supramolecular layered structures of comb-like poly( $\beta$ -peptide)s showing thermochromic properties

AUTHOR(S): Munoz-Guerra, Sebastian; Lopez-Carrasquero, Francisco; Aleman, Carlos; Morillo, Margarita; Castelletto, Valeria; Hamley, Ian

CORPORATE SOURCE: Departament d'Enginyeria Quimica, Universitat Politecnica de Catalunya, Barcelona, E-08028, Spain

SOURCE: Advanced Materials (Weinheim, Germany) (2002), 14(3), 203-205

CODEN: ADVMEW; ISSN: 0935-9648

PUBLISHER: Wiley-VCH Verlag GmbH

DOCUMENT TYPE: Journal

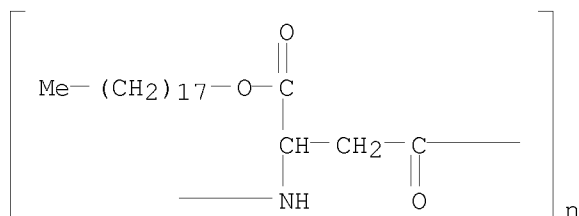
LANGUAGE: English

IT 159433-23-5P, (S)-4-Octadecyloxycarbonyl-2-azetidinone homopolymer, sru

RL: PRP (Properties); SPN (Synthetic preparation); PREP (Preparation)  
(supramol. layered structures of comblike poly( $\alpha$ -alkyl- $\beta$ ,L-aspartate)s showing thermochromic properties)

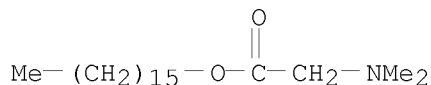
RN 159433-23-5 CAPLUS

CN Poly[imino[(1S)-1-[(octadecyloxy)carbonyl]-3-oxo-1,3-propanediyl]] (CA INDEX NAME)



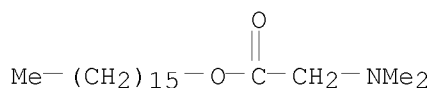
OS.CITING REF COUNT: 17 THERE ARE 17 CAPLUS RECORDS THAT CITE THIS RECORD (17 CITINGS)  
 REFERENCE COUNT: 16 THERE ARE 16 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 472 OF 1480 CAPLUS COPYRIGHT 2011 ACS on STN  
 ACCESSION NUMBER: 2002:108844 CAPLUS  
 DOCUMENT NUMBER: 136:291568  
 TITLE: Comparative studies of the biological activities of lysosomotropic aminoesters and quaternary ammonium salts on the yeast *Saccharomyces cerevisiae*  
 AUTHOR(S): Oblak, Ewa; Lachowicz, Tadeusz M.; Luczynski, Jacek; Witek, Stanislaw  
 CORPORATE SOURCE: Institute of Microbiology, University of Wroclaw, Wroclaw, 51-148, Pol.  
 SOURCE: Cellular & Molecular Biology Letters (2001), 6(4), 871-880  
 CODEN: CMBLFF; ISSN: 1425-8153  
 PUBLISHER: University of Wroclaw, Institute of Biochemistry, Dep. of Genetic Biochemistry  
 DOCUMENT TYPE: Journal  
 LANGUAGE: English  
 IT 247231-50-1  
 RL: BSU (Biological study, unclassified); PRP (Properties); BIOL (Biological study)  
 (comparative studies of the biol. activities of lysosomotropic amino esters and quaternary ammonium salts on the yeast *Saccharomyces cerevisiae*)  
 RN 247231-50-1 CAPLUS  
 CN Glycine, N,N-dimethyl-, hexadecyl ester, hydrochloride (9CI) (CA INDEX NAME)



● HCl

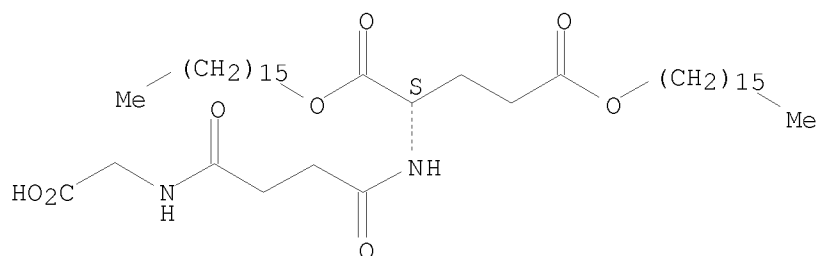
IT 247231-52-3  
 RL: BSU (Biological study, unclassified); PRP (Properties); BIOL (Biological study)  
 (scomparative studies of the biol. activities of lysosomotropic amino esters and quaternary ammonium salts on the yeast *Saccharomyces cerevisiae*)  
 RN 247231-52-3 CAPLUS  
 CN Glycine, N,N-dimethyl-, hexadecyl ester (CA INDEX NAME)



OS.CITING REF COUNT: 11 THERE ARE 11 CAPLUS RECORDS THAT CITE THIS RECORD (11 CITINGS)  
 REFERENCE COUNT: 11 THERE ARE 11 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 473 OF 1480 CAPLUS COPYRIGHT 2011 ACS on STN  
 ACCESSION NUMBER: 2002:106244 CAPLUS  
 DOCUMENT NUMBER: 136:275528  
 TITLE: Force titration of Langmuir-Blodgett bilayers of glycine amphiphiles: JKR-type measurements using the surface-force apparatus  
 AUTHOR(S): Schneider, James; Dori, Yoav; Haverstick, Kraig; Tirrell, Matthew; Sharma, Ravi  
 CORPORATE SOURCE: Department of Chemical Engineering and Materials Science, University of Minnesota, Minneapolis, MN, 55455, USA  
 SOURCE: Langmuir (2002), 18(7), 2702-2709  
 CODEN: LANGD5; ISSN: 0743-7463  
 PUBLISHER: American Chemical Society  
 DOCUMENT TYPE: Journal  
 LANGUAGE: English  
 IT 171195-70-3  
 RL: PEP (Physical, engineering or chemical process); PYP (Physical process); PROC (Process)  
 (force titration of Langmuir-Blodgett bilayers of glycine amphiphiles)  
 RN 171195-70-3 CAPLUS  
 CN L-Glutamic acid, N-[4-[(carboxymethyl)amino]-1,4-dioxobutyl]-, 1,5-dihexadecyl ester (CA INDEX NAME)

Absolute stereochemistry.



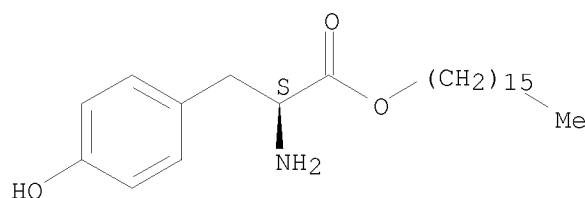
OS.CITING REF COUNT: 5 THERE ARE 5 CAPLUS RECORDS THAT CITE THIS RECORD (5 CITINGS)  
 REFERENCE COUNT: 49 THERE ARE 49 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 474 OF 1480 CAPLUS COPYRIGHT 2011 ACS on STN  
 ACCESSION NUMBER: 2002:87849 CAPLUS  
 DOCUMENT NUMBER: 136:326083  
 TITLE: L-tyrosine ester-mediated photosensitized charge separation - length effects of alkyl side chains in polymers and alkyl groups in L-tyrosine esters  
 AUTHOR(S): Suzuki, Masahiro; Kimura, Mutsumi; Hanabusa, Kenji; Shirai, Hirofusa  
 CORPORATE SOURCE: Graduate School of Science and Technology, Shinshu



SOURCE: University, Nagano, 386-8567, Japan  
 Macromolecular Chemistry and Physics (2001), 202(18),  
 3506-3512  
 CODEN: MCHPES; ISSN: 1022-1352  
 PUBLISHER: Wiley-VCH Verlag GmbH  
 DOCUMENT TYPE: Journal  
 LANGUAGE: English  
 IT 84808-38-8D, reaction products with  
 poly(vinylimidazole)-ruthenium complexes  
 RL: PRP (Properties)  
 (length effects of alkyl side chains in polymers and alkyl groups in  
 L-tyrosine esters on L-tyrosine ester-mediated photosensitized charge  
 separation)  
 RN 84808-38-8 CAPLUS  
 CN L-Tyrosine, hexadecyl ester (CA INDEX NAME)

Absolute stereochemistry.



OS.CITING REF COUNT: 3 THERE ARE 3 CAPLUS RECORDS THAT CITE THIS RECORD  
 (3 CITINGS)  
 REFERENCE COUNT: 25 THERE ARE 25 CITED REFERENCES AVAILABLE FOR THIS  
 RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 475 OF 1480 CAPLUS COPYRIGHT 2011 ACS on STN  
 ACCESSION NUMBER: 2002:63275 CAPLUS  
 DOCUMENT NUMBER: 136:385950  
 TITLE: Cytotoxicity and actin-depolymerizing activity of  
 aplyronine A, a potent antitumor macrolide of marine  
 origin, and its analogs  
 AUTHOR(S): Kigoshi, Hideo; Suenaga, Kiyotake; Takagi, Masaki;  
 Akao, Atsushi; Kanematsu, Kengo; Kamei, Noriyuki;  
 Okugawa, Youko; Yamada, Kiyoyuki  
 CORPORATE SOURCE: Department of Chemistry, University of Tsukuba,  
 Tsukuba, Ibaraki, 305-8571, Japan  
 SOURCE: Tetrahedron (2002), 58(6), 1075-1102  
 CODEN: TETRAB; ISSN: 0040-4020  
 PUBLISHER: Elsevier Science Ltd.  
 DOCUMENT TYPE: Journal  
 LANGUAGE: English  
 OTHER SOURCE(S): CASREACT 136:385950  
 IT 423772-53-6P  
 RL: PAC (Pharmacological activity); SPN (Synthetic preparation); BIOL  
 (Biological study); PREP (Preparation)  
 (preparation, cytotoxicity and actin-depolymg. activity of aplyronine A and  
 its analogs)  
 RN 423772-53-6 CAPLUS  
 CN L-Alanine, N,N-dimethyl-, (1R,4S,5S,6R,7S)-1-[(1S,2R,3R,4E)-2-(acetyloxy)-  
 5-(formylmethylamino)-1,3-dimethyl-4-penten-1-yl]-5,7,9-trihydroxy-4,6-  
 dimethylnonyl ester (CA INDEX NAME)

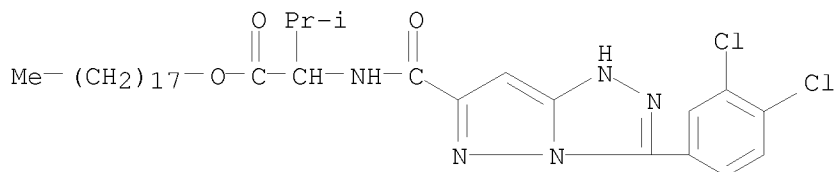
Absolute stereochemistry. Rotation (-).  
 Double bond geometry as shown.

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=> d 476-487 ibib hitstr
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YOU HAVE REQUESTED DATA FROM FILE 'CAPLUS' - CONTINUE? (Y)/N:y

L3 ANSWER 476 OF 1480 CAPLUS COPYRIGHT 2011 ACS on STN  
ACCESSION NUMBER: 2002:61861 CAPLUS  
DOCUMENT NUMBER: 136:126466  
TITLE: Development of silver halide color photographic  
material for forming digital color proof  
INVENTOR(S): Ito, Hirohide  
PATENT ASSIGNEE(S): Konica Co., Japan  
SOURCE: Jpn. Kokai Tokkyo Koho, 24 pp.  
CODEN: JKXXAF  
DOCUMENT TYPE: Patent  
LANGUAGE: Japanese  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
-----	----	-----	-----	-----
JP 2002023331	A	20020123	JP 2000-200709	20000703
PRIORITY APPLN. INFO.:			JP 2000-200709	20000703
OTHER SOURCE(S):	MARPAT 136:126466			
IT 209536-40-3				
RL: DEV (Device component use); USES (Uses)				
(cyan coupler; stable development method of silver halide color photog.				
material for forming digital color proof)				
RN 209536-40-3 CAPLUS				
CN Valine, N-[[3-(3,4-dichlorophenyl)-1H-pyrazolo[5,1-c]-1,2,4-triazol-6-				
yl]carbonyl]-, octadecyl ester (CA INDEX NAME)				



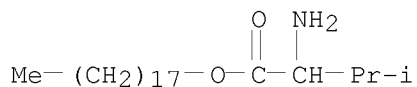
L3 ANSWER 477 OF 1480 CAPLUS COPYRIGHT 2011 ACS on STN  
ACCESSION NUMBER: 2002:47829 CAPLUS  
DOCUMENT NUMBER: 136:110073  
TITLE: Silver halide photographic film containing triazole  
derivative cyan coupler  
INVENTOR(S): Ikesu, Satoru; Oshiyama, Tomohiro; Okubo, Kimihiko  
PATENT ASSIGNEE(S): Konica Co., Japan  
SOURCE: Jpn. Kokai Tokkyo Koho, 39 pp.  
CODEN: JKXXAF  
DOCUMENT TYPE: Patent  
LANGUAGE: Japanese  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
-----	----	-----	-----	-----
JP 2002014445	A	20020118	JP 2000-198441	20000630
PRIORITY APPLN. INFO.:			JP 2000-198441	20000630
OTHER SOURCE(S):	MARPAT 136:110073			
IT 199009-24-0				

RL: RCT (Reactant); RACT (Reactant or reagent)  
(preparation of photog. cyan coupler)

RN 199009-24-0 CAPLUS

CN Valine, octadecyl ester (CA INDEX NAME)



IT 389578-84-1 389578-85-2 389578-92-1

389578-94-3 389579-09-3

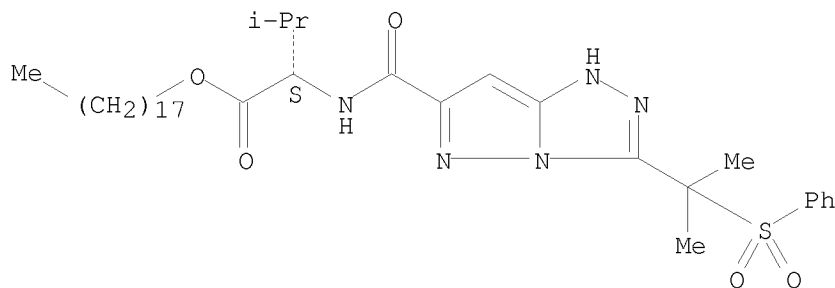
RL: DEV (Device component use); USES (Uses)

(silver halide photog. film containing triazole derivative cyan coupler)

RN 389578-84-1 CAPLUS

CN L-Valine, N-[[3-[1-methyl-1-(phenylsulfonyl)ethyl]-1H-pyrazolo[5,1-c]-1,2,4-triazol-6-yl]carbonyl]-, octadecyl ester (CA INDEX NAME)

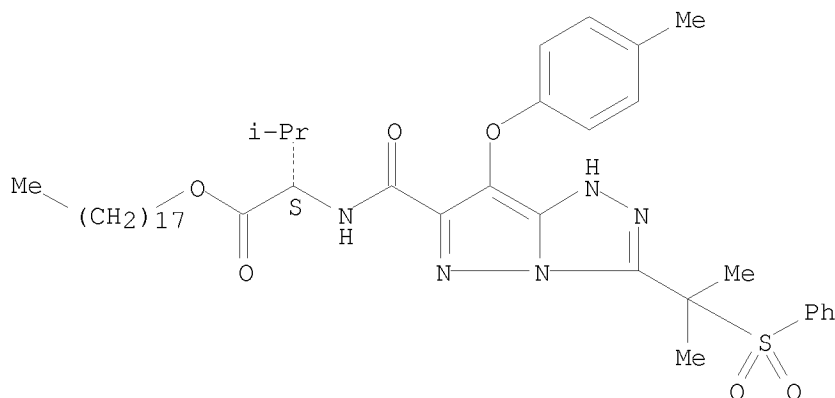
Absolute stereochemistry.



RN 389578-85-2 CAPLUS

CN L-Valine, N-[[7-(4-methylphenoxy)-3-[1-methyl-1-(phenylsulfonyl)ethyl]-1H-pyrazolo[5,1-c]-1,2,4-triazol-6-yl]carbonyl]-, octadecyl ester (CA INDEX NAME)

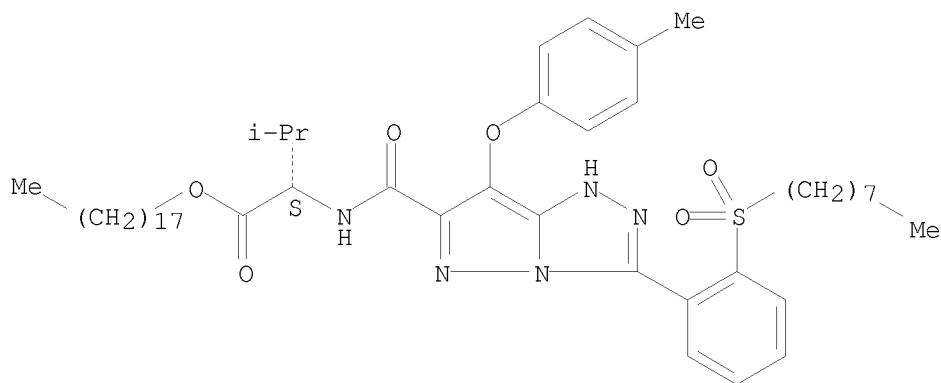
Absolute stereochemistry.



RN 389578-92-1 CAPLUS

CN L-Valine, N-[[7-(4-methylphenoxy)-3-[2-(octylsulfonyl)phenyl]-1H-pyrazolo[5,1-c]-1,2,4-triazol-6-yl]carbonyl]-, octadecyl ester (CA INDEX NAME)

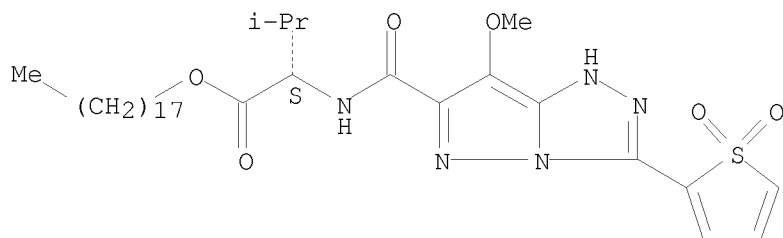
Absolute stereochemistry.



RN 389578-94-3 CAPLUS

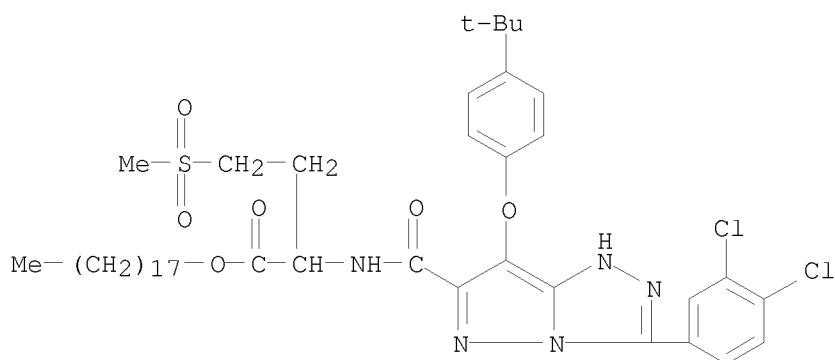
CN L-Valine, N-[[3-(1,1-dioxido-2-thienyl)-7-methoxy-1H-pyrazolo[5,1-c]-1,2,4-triazol-6-yl]carbonyl]-, octadecyl ester (CA INDEX NAME)

Absolute stereochemistry.



RN 389579-09-3 CAPLUS

CN Butanoic acid, 2-[[[3-(3,4-dichlorophenyl)-7-[4-(1,1-dimethylethyl)phenoxy]-1H-pyrazolo[5,1-c]-1,2,4-triazol-6-yl]carbonyl]amino]-4-(methylsulfonyl)-, octadecyl ester (CA INDEX NAME)



L3 ANSWER 478 OF 1480

ACCESSION NUMBER:

DOCUMENT NUMBER:

TITLE:

AUTHOR(S):

CORPORATE SOURCE:

CAPLUS COPYRIGHT 2011 ACS on STN

2002:45386 CAPLUS

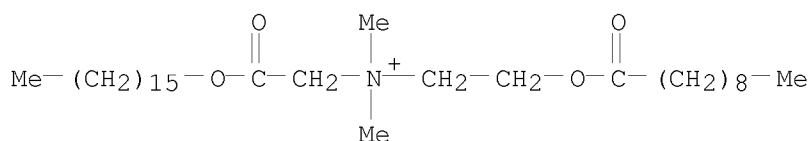
136:374979

Electrochemical parameters of ion-exchange membranes selective to anions of sulfa drugs

Kharitonov, S. V.

Tver State University, Tver, Russia

SOURCE: Russian Journal of Electrochemistry (Translation of  
Elektrokhimiya) (2001), 37(12), 1300-1304  
CODEN: RJELE3; ISSN: 1023-1935  
PUBLISHER: MAIK Nauka/Interperiodica Publishing  
DOCUMENT TYPE: Journal  
LANGUAGE: English  
IT 371172-28-0  
RL: ARU (Analytical role, unclassified); ANST (Analytical study)  
(determination of sulfanilamide drugs by conductometry using ion-selective  
electrodes with quaternary ammonium salts as ion exchangers)  
RN 371172-28-0 CAPLUS  
CN Ethanaminium, 2-(hexadecyloxy)-N,N-dimethyl-2-oxo-N-[2-[(1-  
oxodecyl)oxy]ethyl]-, chloride (1:1) (CA INDEX NAME)

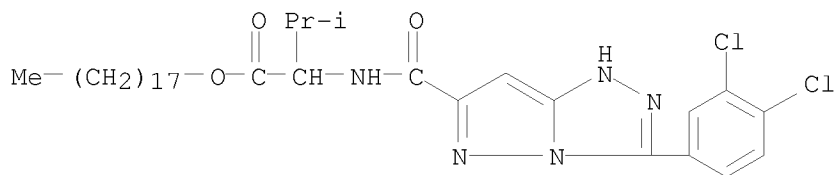


REFERENCE COUNT: 13 THERE ARE 13 CITED REFERENCES AVAILABLE FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 479 OF 1480 CAPLUS COPYRIGHT 2011 ACS on STN  
ACCESSION NUMBER: 2002:21782 CAPLUS  
DOCUMENT NUMBER: 136:93409  
TITLE: Silver halide photographic materials and image  
formation using them for area gradation images with  
clear halftone dots  
INVENTOR(S): Nonaka, Yoshiyuki; Tanaka, Shigeo  
PATENT ASSIGNEE(S): Konica Co., Japan  
SOURCE: Jpn. Kokai Tokkyo Koho, 41 pp.  
CODEN: JKXXAF  
DOCUMENT TYPE: Patent  
LANGUAGE: Japanese  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2002006429	A	20020109	JP 2000-184323	20000620
PRIORITY APPLN. INFO.:			JP 2000-184323	20000620
OTHER SOURCE(S):	MARPAT 136:93409			

IT 209536-40-3  
RL: TEM (Technical or engineered material use); USES (Uses)  
(cyan coupler; neg. silver halide photog. films for color proofs with  
clear halftone dots)  
RN 209536-40-3 CAPLUS  
CN Valine, N-[[3-(3,4-dichlorophenyl)-1H-pyrazolo[5,1-c]-1,2,4-triazol-6-  
yl]carbonyl]-, octadecyl ester (CA INDEX NAME)

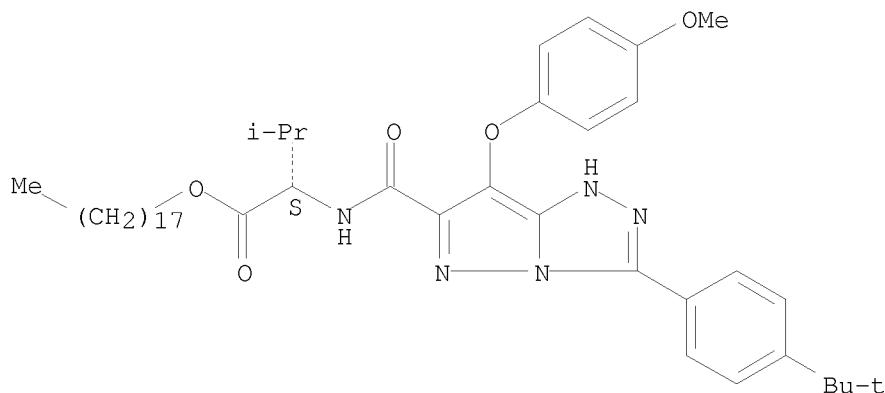


L3 ANSWER 480 OF 1480 CAPLUS COPYRIGHT 2011 ACS on STN  
 ACCESSION NUMBER: 2001:933850 CAPLUS  
 DOCUMENT NUMBER: 136:61460  
 TITLE: Silver halide photographic materials containing specific cyan coupler and specific aryl ether in same silver halide emulsion layer  
 INVENTOR(S): Hakii, Takeshi; Sato, Koichi  
 PATENT ASSIGNEE(S): Konica Co., Japan  
 SOURCE: Jpn. Kokai Tokkyo Koho, 53 pp.  
 CODEN: JKXXAF  
 DOCUMENT TYPE: Patent  
 LANGUAGE: Japanese  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2001356456	A	20011226	JP 2000-175183	20000612

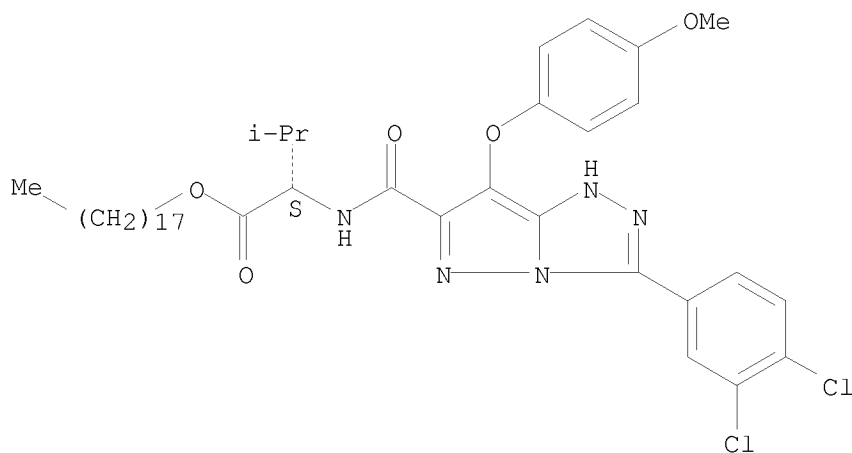
PRIORITY APPLN. INFO.: JP 2000-175183 20000612  
 OTHER SOURCE(S): MARPAT 136:61460  
 IT 383189-63-7 383189-66-0  
 RL: TEM (Technical or engineered material use); USES (Uses)  
 (cyan coupler in silver halide photog. materials)  
 RN 383189-63-7 CAPLUS  
 CN L-Valine, N-[[3-[4-(1,1-dimethylethyl)phenyl]-7-(4-methoxyphenoxy)-1H-pyrazolo[5,1-c]-1,2,4-triazol-6-yl]carbonyl]-, octadecyl ester (CA INDEX NAME)

Absolute stereochemistry.



RN 383189-66-0 CAPLUS  
 CN L-Valine, N-[[3-(3,4-dichlorophenyl)-7-(4-methoxyphenoxy)-1H-pyrazolo[5,1-c]-1,2,4-triazol-6-yl]carbonyl]-, octadecyl ester (CA INDEX NAME)

Absolute stereochemistry.

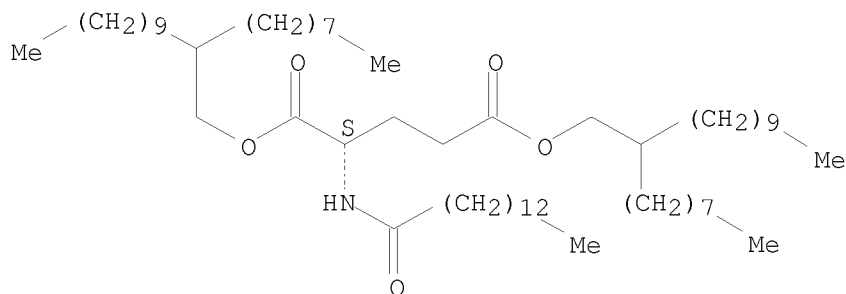


L3 ANSWER 481 OF 1480 CAPLUS COPYRIGHT 2011 ACS on STN  
 ACCESSION NUMBER: 2001:900459 CAPLUS  
 DOCUMENT NUMBER: 136:38982  
 TITLE: Aqueous writing ink compositions  
 INVENTOR(S): Takeuchi, Yoji; Miyazaki, Shigeru  
 PATENT ASSIGNEE(S): Mitsubishi Pencil Co., Ltd., Japan  
 SOURCE: Jpn. Kokai Tokkyo Koho, 6 pp.  
 CODEN: JKXXAF  
 DOCUMENT TYPE: Patent  
 LANGUAGE: Japanese  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2001342401	A	20011214	JP 2000-164962	20000601
US 20020007764	A1	20020124	US 2001-870861	20010530
US 6605143	B2	20030812		
GB 2365015	A	20020213	GB 2001-13090	20010530
GB 2365015	B	20040505		

PRIORITY APPLN. INFO.: JP 2000-164962 A 20000601  
 ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT  
 IT 160759-70-6, Amiter SG-OD  
 RL: MOA (Modifier or additive use); USES (Uses)  
 (Amater SG-OD; N-acyl glutamic ester-containing aqueous writing inks with  
 fragrant and pigment dispersibility)  
 RN 160759-70-6 CAPLUS  
 CN L-Glutamic acid, N-(1-oxotetradecyl)-, bis(2-octyldodecyl) ester (9CI)  
 (CA INDEX NAME)

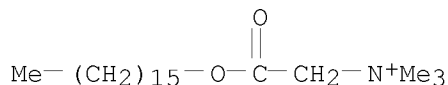
Absolute stereochemistry.



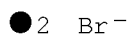
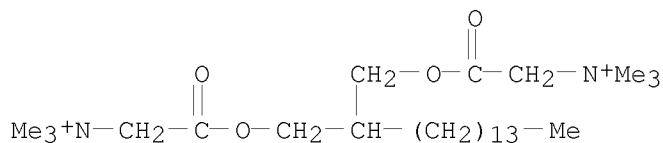


OS.CITING REF COUNT: 1 THERE ARE 1 CAPLUS RECORDS THAT CITE THIS RECORD  
(1 CITINGS)

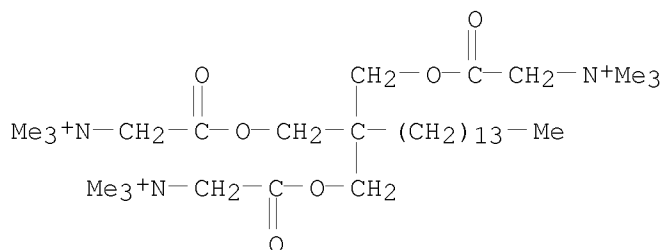
L3 ANSWER 482 OF 1480 CAPLUS COPYRIGHT 2011 ACS on STN  
 ACCESSION NUMBER: 2001:872119 CAPLUS  
 DOCUMENT NUMBER: 136:140274  
 TITLE: Role of Incorporation of Multiple Headgroups in  
 Cationic Surfactants in Determining Micellar  
 Properties. Small-Angle-Neutron-Scattering and  
 Fluorescence Studies  
 AUTHOR(S): Halder, Jayanta; Aswal, Vinod K.; Goyal, Prem S.;  
 Bhattacharya, Santanu  
 CORPORATE SOURCE: Department of Organic Chemistry, Indian Institute of  
 Science, Bangalore, 560012, India  
 SOURCE: Journal of Physical Chemistry B (2001), 105(51),  
 12803-12808  
 CODEN: JPCBFK; ISSN: 1089-5647  
 PUBLISHER: American Chemical Society  
 DOCUMENT TYPE: Journal  
 LANGUAGE: English  
 IT 347424-03-7 347424-04-8 347424-05-9  
 RL: PRP (Properties)  
 (role of incorporation of multiple headgroups in cationic surfactants  
 in determining micellar properties using small angle neutron scattering and  
 fluorecence)  
 RN 347424-03-7 CAPLUS  
 CN Ethanaminium, 2-(hexadecyloxy)-N,N,N-trimethyl-2-oxo-, bromide (1:1) (CA  
 INDEX NAME)



RN 347424-04-8 CAPLUS  
 CN Ethanaminium, 2,2'-[(2-tetradecyl-1,3-propanediyl)bis(oxy)]bis[N,N,N-  
 trimethyl-2-oxo-, bromide (1:2) (CA INDEX NAME)



RN 347424-05-9 CAPLUS  
 CN Ethanaminium, 2,2'-[[2-tetradecyl-2-  
 [[[ (trimethylammonio)acetyl]oxy]methyl]-1,3-propanediyl]bis(oxy)]bis[N,N,N-  
 trimethyl-2-oxo-, bromide (1:3) (CA INDEX NAME)



● 3 Br<sup>-</sup>

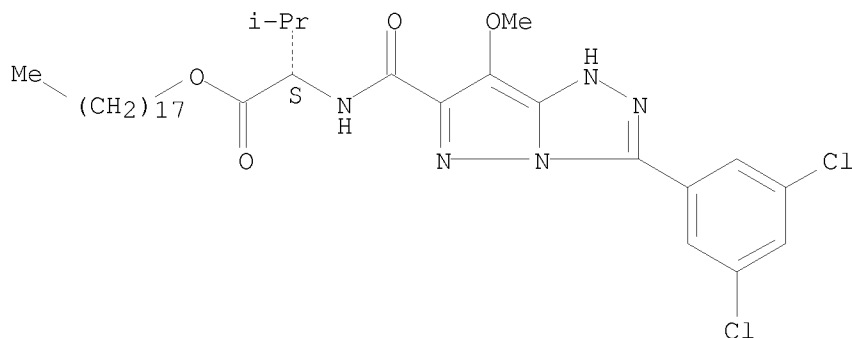
OS.CITING REF COUNT: 19 THERE ARE 19 CAPLUS RECORDS THAT CITE THIS RECORD (20 CITINGS)  
REFERENCE COUNT: 42 THERE ARE 42 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 483 OF 1480 CAPLUS COPYRIGHT 2011 ACS on STN  
ACCESSION NUMBER: 2001:847624 CAPLUS  
DOCUMENT NUMBER: 135:378688  
TITLE: Silver halide color photographic material containing main and auxiliary couplers  
INVENTOR(S): Ishishiro, Hiroshi; Okawauchi, Susumu  
PATENT ASSIGNEE(S): Konica Co., Japan  
SOURCE: Jpn. Kokai Tokkyo Koho, 30 pp.  
CODEN: JKXXAF  
DOCUMENT TYPE: Patent  
LANGUAGE: Japanese  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2001324785	A	20011122	JP 2000-141600	20000515
PRIORITY APPLN. INFO.:			JP 2000-141600	20000515

IT 374556-72-6  
RL: DEV (Device component use); USES (Uses)  
(main coupler; silver halide color photog. material containing main and auxiliary couplers)  
RN 374556-72-6 CAPLUS  
CN L-Valine, N-[[3-(3,5-dichlorophenyl)-7-methoxy-1H-pyrazolo[5,1-c]-1,2,4-triazol-6-yl]carbonyl]-, octadecyl ester (CA INDEX NAME)

Absolute stereochemistry.



L3 ANSWER 484 OF 1480 CAPLUS COPYRIGHT 2011 ACS on STN  
 ACCESSION NUMBER: 2001:796421 CAPLUS  
 DOCUMENT NUMBER: 135:336854  
 TITLE: Variable area gradation image forming method and its combination with printed image  
 INVENTOR(S): Tanaka, Shigeo; Takimoto, Masataka  
 PATENT ASSIGNEE(S): Konica Co., Japan  
 SOURCE: Jpn. Kokai Tokkyo Koho, 25 pp.  
 CODEN: JKXXAF  
 DOCUMENT TYPE: Patent  
 LANGUAGE: Japanese  
 FAMILY ACC. NUM. COUNT: 6  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2001305701	A	20011102	JP 2001-17220	20010125
US 20020076661	A1	20020620	US 2001-956974	20010920
PRIORITY APPLN. INFO.:				
			JP 2000-39463	A 20000217
			JP 2000-285047	A 20000920
			JP 2000-290465	A 20000925
			JP 2000-323901	A 20001024
			JP 2000-346389	A 20001114
			JP 2000-375819	A 20001211
			JP 2000-396640	A 20001227
			JP 2001-1267	A 20010109
			JP 2001-4997	A 20010112
			JP 2001-15800	A 20010124
			JP 2001-17220	A 20010125
			JP 2001-18419	A 20010126
			JP 2001-25356	A 20010201
			JP 2001-54240	A 20010328
			JP 2001-141425	A 20010511
			JP 2001-178370	A 20010613

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT

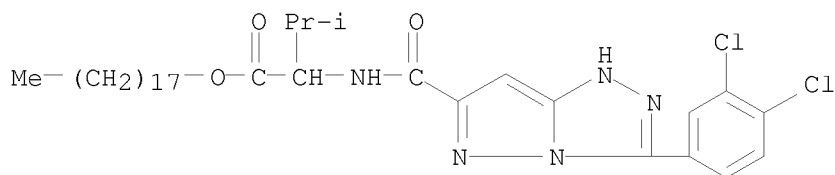
OTHER SOURCE(S): MARPAT 135:336854

IT 209536-40-3

RL: DEV (Device component use); USES (Uses)  
 (azole compound photog. cyan coupler)

RN 209536-40-3 CAPLUS

CN Valine, N-[[3-(3,4-dichlorophenyl)-1H-pyrazolo[5,1-c]-1,2,4-triazol-6-yl]carbonyl]-, octadecyl ester (CA INDEX NAME)



L3 ANSWER 485 OF 1480 CAPLUS COPYRIGHT 2011 ACS on STN  
 ACCESSION NUMBER: 2001:766810 CAPLUS  
 DOCUMENT NUMBER: 136:37934  
 TITLE: Structural study of Langmuir monolayers containing lipidated poly(ethylene glycol) and peptides  
 AUTHOR(S): Bianco-Peled, Havazelet; Dori, Yoav; Schneider, James; Sung, Li-Piin; Satija, Sushil; Tirrell, Matthew

CORPORATE SOURCE: Department of Chemical Engineering, Technion-IIT,  
Haifa, 32000, Israel

SOURCE: Langmuir (2001), 17(22), 6931-6937  
CODEN: LANGD5; ISSN: 0743-7463

PUBLISHER: American Chemical Society

DOCUMENT TYPE: Journal

LANGUAGE: English

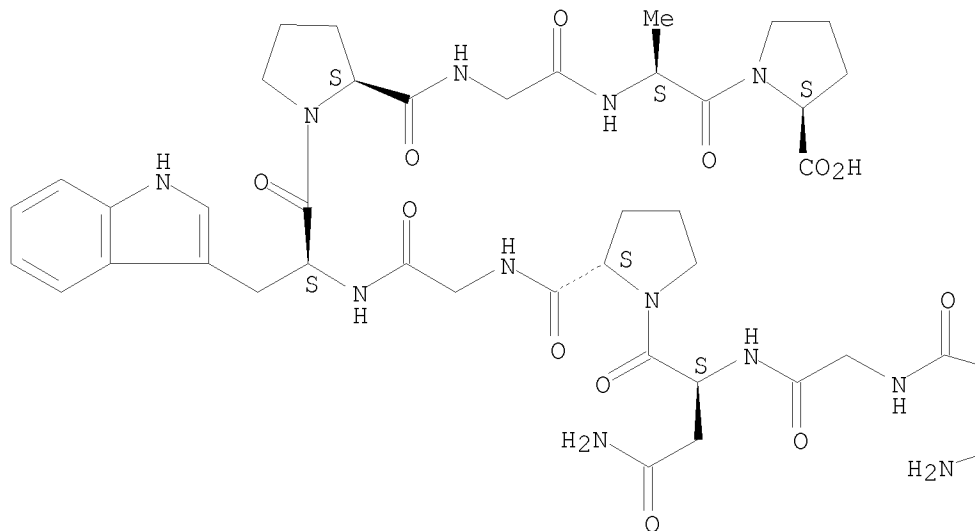
IT 204188-22-7  
RL: PRP (Properties)  
(structural study of Langmuir monolayers containing lipidated poly(ethylene glycol) and peptides)

RN 204188-22-7 CAPLUS

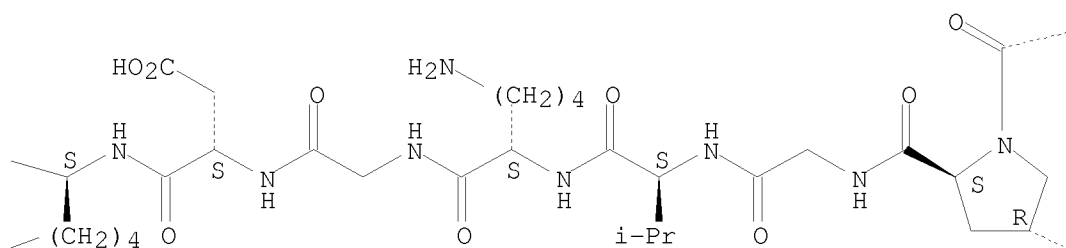
CN L-Proline, N-[4-[[[(1S)-4-(hexadecyloxy)-1-[(hexadecyloxy)carbonyl]-4-oxobutyl]amino]-1,4-dioxobutyl]glycyl-L-prolyl-(4R)-4-hydroxy-L-prolylglycyl-L-prolyl-(4R)-4-hydroxy-L-prolylglycyl-L-prolyl-(4R)-4-hydroxy-L-prolylglycyl-L-valyl-L-lysylglycyl-L- $\alpha$ -aspartyl-L-lysylglycyl-L-asparaginyl-L-prolylglycyl-L-tryptophyl-L-prolylglycyl-L-alanyl- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

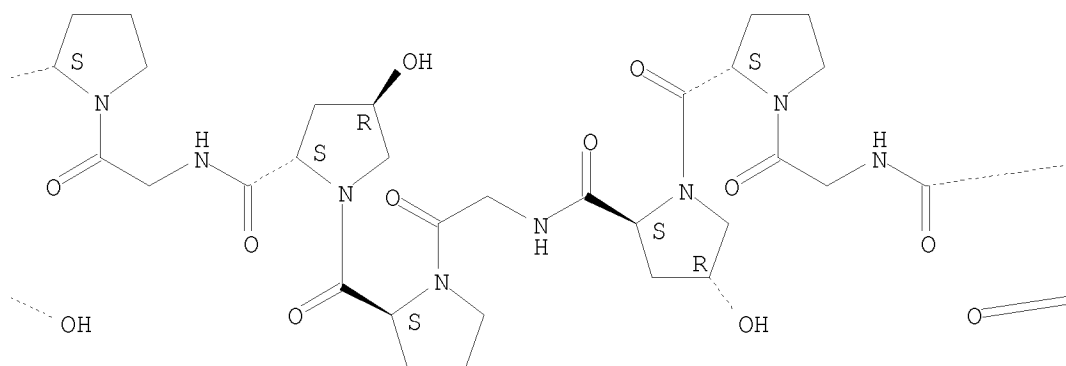
PAGE 1-A

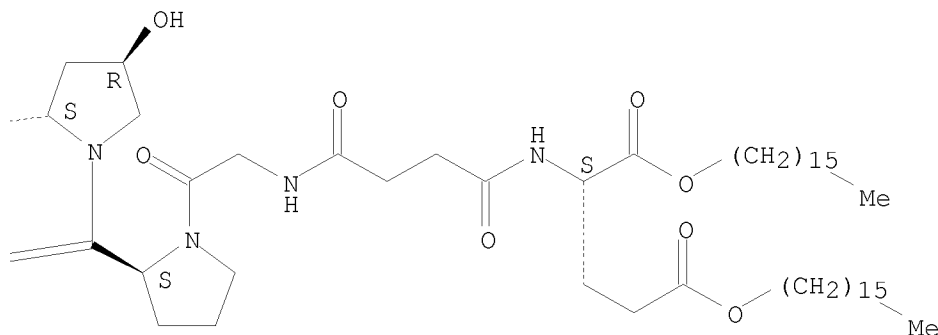


PAGE 1-B



PAGE 1-C

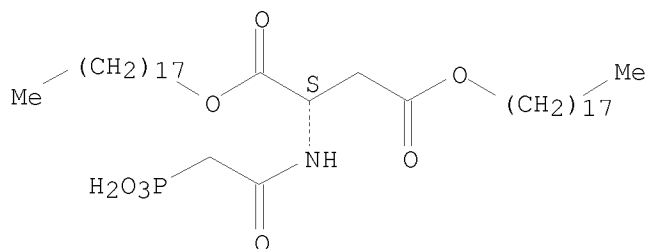




OS.CITING REF COUNT: 26 THERE ARE 26 CAPLUS RECORDS THAT CITE THIS  
RECORD (26 CITINGS)  
REFERENCE COUNT: 37 THERE ARE 37 CITED REFERENCES AVAILABLE FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

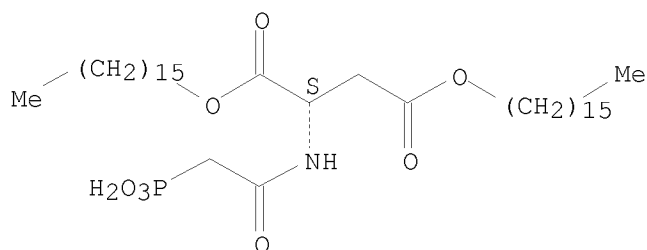
L3 ANSWER 486 OF 1480 CAPLUS COPYRIGHT 2011 ACS on STN  
ACCESSION NUMBER: 2001:677327 CAPLUS  
DOCUMENT NUMBER: 135:376650  
TITLE: Preparation and Properties of Vesicles Formed from  
Phospholipid Analogs of  
N-(Phosphonoacetyl)-L-aspartate (PALA) by Sonication  
or Extrusion: Transition Temperature, Particle Size,  
Glucose Entrapment, and <sup>31</sup>P NMR  
AUTHOR(S): Oliger, Patrick; Hebrant, Marc; Grison, Claude;  
Coutrot, Philippe; Tondre, Christian  
CORPORATE SOURCE: Laboratoire de Chimie Physique Organique et  
Colloïdale and Laboratoire de Chimie Organique II,  
UMR CNRS 7565 Institut Nanceien de Chimie Moléculaire  
Université Henri Poincaré-Nancy I, Nancy-Vandoeuvre,  
54506, Fr.  
SOURCE: Langmuir (2001), 17(21), 6426-6432  
CODEN: LANGD5; ISSN: 0743-7463  
PUBLISHER: American Chemical Society  
DOCUMENT TYPE: Journal  
LANGUAGE: English  
IT 253195-92-5 352301-16-7  
RL: THU (Therapeutic use); BIOL (Biological study); USES (Uses)  
(preparation and properties of vesicles formed from phospholipid analogs of  
N-(phosphonoacetyl)-L-aspartate by sonication or extrusion)  
RN 253195-92-5 CAPLUS  
CN L-Aspartic acid, N-(phosphonoacetyl)-, 1,4-dioctadecyl ester (9CI) (CA  
INDEX NAME)

Absolute stereochemistry.



RN 352301-16-7 CAPLUS  
 CN L-Aspartic acid, N-(phosphonoacetyl)-, 1,4-dihexadecyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



OS.CITING REF COUNT: 7 THERE ARE 7 CAPLUS RECORDS THAT CITE THIS RECORD (7 CITINGS)  
 REFERENCE COUNT: 34 THERE ARE 34 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 487 OF 1480 CAPLUS COPYRIGHT 2011 ACS on STN  
 ACCESSION NUMBER: 2001:673581 CAPLUS  
 DOCUMENT NUMBER: 135:233825  
 TITLE: Silver halide color photographic material containing pyrazolotriazole derivative cyan coupler  
 INVENTOR(S): Otsu, Shinya; Chen, Zu liu; Suzuki, Takashi; Ikesu, Satoru  
 PATENT ASSIGNEE(S): Konica Co., Japan  
 SOURCE: Jpn. Kokai Tokkyo Koho, 28 pp.  
 CODEN: JKXXAF  
 DOCUMENT TYPE: Patent  
 LANGUAGE: Japanese  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2001249435	A	20010914	JP 2000-58804	20000303
PRIORITY APPLN. INFO.:			JP 2000-58804	20000303

OTHER SOURCE(S): MARPAT 135:233825

IT 359764-97-9 359765-04-1

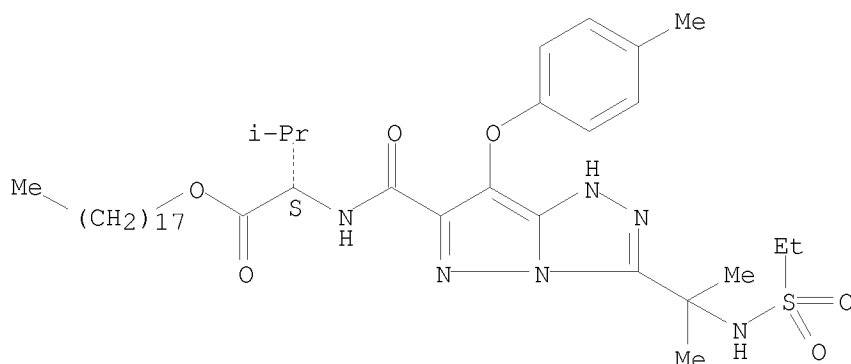
RL: DEV (Device component use); USES (Uses)

(photog. film containing pyrazolotriazole derivative cyan coupler)

RN 359764-97-9 CAPLUS

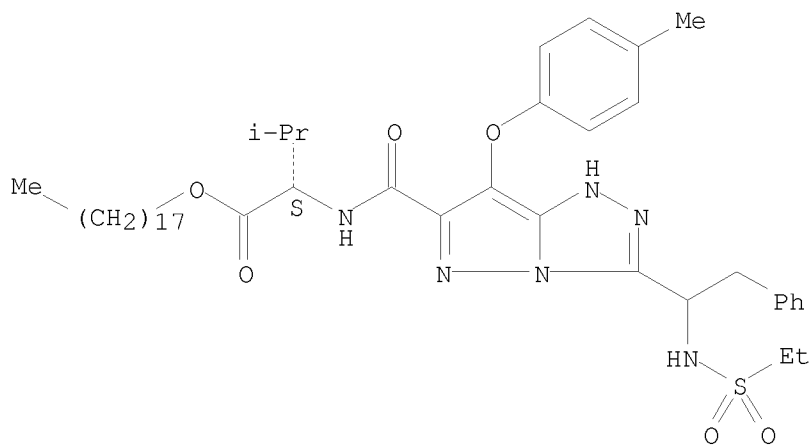
CN L-Valine, N-[[3-[1-[(ethylsulfonyl)amino]-1-methylethyl]-7-(4-methylphenoxy)-1H-pyrazolo[5,1-c]-1,2,4-triazol-6-yl]carbonyl]-, octadecyl ester (CA INDEX NAME)

Absolute stereochemistry.



RN 359765-04-1 CAPLUS  
CN L-Valine, N-[[3-[1-[(ethylsulfonyl)amino]-2-phenylethyl]-7-(4-methylphenoxy)-1H-pyrazolo[5,1-c]-1,2,4-triazol-6-yl]carbonyl]-, octadecyl ester (CA INDEX NAME)

Absolute stereochemistry.



=> d 488-500 ibib hitstr  
YOU HAVE REQUESTED DATA FROM FILE 'CAPLUS' - CONTINUE? (Y)/N:y

L3 ANSWER 488 OF 1480 CAPLUS COPYRIGHT 2011 ACS on STN  
ACCESSION NUMBER: 2001:635865 CAPLUS  
DOCUMENT NUMBER: 135:200189  
TITLE: Cosmetic compositions containing phospholipids and quaternary amines  
INVENTOR(S): Albrecht, Martin  
PATENT ASSIGNEE(S): Kuhs Kosmetik G.m.b.H. & Co. K.-G., Germany  
SOURCE: PCT Int. Appl., 28 pp.  
CODEN: PIXXD2  
DOCUMENT TYPE: Patent  
LANGUAGE: German  
FAMILY ACC. NUM. COUNT: 1



## PATENT INFORMATION:

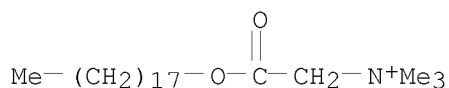
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001062222	A2	20010830	WO 2001-DE615	20010219
WO 2001062222	A3	20020425		
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RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
CA 2400422	A1	20010830	CA 2001-2400422	20010219
CA 2400422	C	20061107		
CA 2522863	A1	20010830	CA 2001-2522863	20010219
AU 2001040468	A	20010903	AU 2001-40468	20010219
AU 781556	B2	20050602		
DE 10108097	A1	20010913	DE 2001-10108097	20010219
EP 1259218	A2	20021127	EP 2001-911453	20010219
EP 1259218	B1	20100526		
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR			
BR 2001008347	A	20030311	BR 2001-8347	20010219
JP 2004501069	T	20040115	JP 2001-561289	20010219
EP 1475080	A2	20041110	EP 2004-15242	20010219
EP 1475080	A3	20070131		
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR			
PL 205651	B1	20100531	PL 2001-363039	20010219
AT 468889	T	20100615	AT 2001-911453	20010219
PT 1259218	E	20100715	PT 2001-911453	20010219
ES 2343305	T3	20100728	ES 2001-911453	20010219
MX 2002007822	A	20040910	MX 2002-7822	20020813
KR 884845	B1	20090220	KR 2002-7010636	20020814
US 20040213819	A1	20041028	US 2002-203993	20021209
US 7001604	B2	20060221		
US 20050208012	A1	20050922	US 2005-135459	20050524
US 7192597	B2	20070320		
KR 2007002103	A	20070104	KR 2006-7025303	20061130
KR 822900	B1	20080416		
JP 2008169219	A	20080724	JP 2008-33203	20080214
KR 2008063871	A	20080707	KR 2008-7013350	20080602
PRIORITY APPLN. INFO.:			DE 2000-10008850	A 20000225
			CA 2001-2400422	A3 20010219
			EP 2001-911453	A3 20010219
			JP 2001-561289	A3 20010219
			WO 2001-DE615	W 20010219
			KR 2002-7010636	A3 20020814
			US 2002-203993	A1 20021209

## ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT

IT 31602-23-0, Ethanaminium,  
N,N,N-trimethyl-2-(octadecyloxy)-2-oxo-  
RL: BUU (Biological use, unclassified); BIOL (Biological study); USES  
(Uses)  
(cosmetic compns. containing phospholipids and quaternary amines)

RN 31602-23-0 CAPLUS

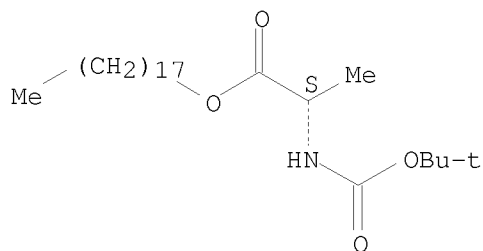
CN Ethanaminium, N,N,N-trimethyl-2-(octadecyloxy)-2-oxo- (CA INDEX NAME)



OS.CITING REF COUNT: 4 THERE ARE 4 CAPLUS RECORDS THAT CITE THIS RECORD  
(4 CITINGS)  
REFERENCE COUNT: 9 THERE ARE 9 CITED REFERENCES AVAILABLE FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

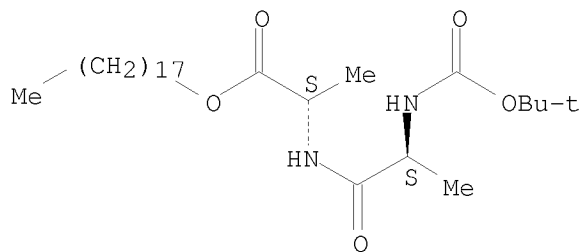
L3 ANSWER 489 OF 1480 CAPLUS COPYRIGHT 2011 ACS on STN  
ACCESSION NUMBER: 2001:623251 CAPLUS  
DOCUMENT NUMBER: 135:318677  
TITLE: Molecular arrangement of lipid modified amino acids at  
the solid-liquid interface of highly oriented  
pyrolytic graphite  
AUTHOR(S): Hoeppener, S.; Chi, L. F.; Wonnemann, J.; Erker, G.;  
Fuchs, H.  
CORPORATE SOURCE: Physikalisches Institut, Westfalische  
Wilhelms-Universitat Munster, Munster, 48149, Germany  
SOURCE: Surface Science (2001), 487(1-3), 9-14  
CODEN: SUSCAS; ISSN: 0039-6028  
PUBLISHER: Elsevier Science B.V.  
DOCUMENT TYPE: Journal  
LANGUAGE: English  
IT 124212-38-0 367926-87-2 367926-88-3  
RL: PRP (Properties)  
(mol. arrangement of lipid modified amino acids at solid-liquid interface  
of highly oriented pyrolytic graphite by scanning tunneling microscopy)  
RN 124212-38-0 CAPLUS  
CN L-Alanine, N-[(1,1-dimethylethoxy)carbonyl]-, octadecyl ester (CA INDEX  
NAME)

Absolute stereochemistry.



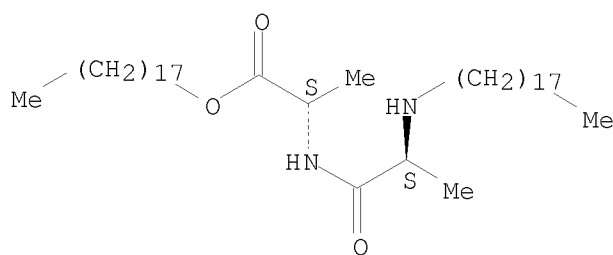
RN 367926-87-2 CAPLUS  
CN L-Alanine, N-[(1,1-dimethylethoxy)carbonyl]-L-alanyl-, octadecyl ester  
(9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 367926-88-3 CAPLUS  
 CN L-Alanine, N-octadecyl-L-alanyl-, octadecyl ester (9CI) (CA INDEX NAME)

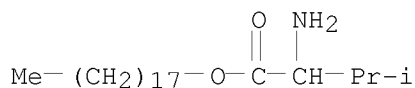
Absolute stereochemistry.



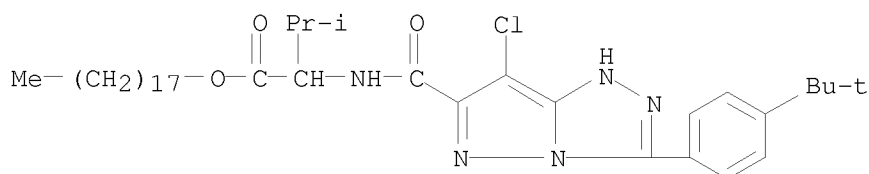
OS.CITING REF COUNT: 7 THERE ARE 7 CAPLUS RECORDS THAT CITE THIS RECORD (7 CITINGS)  
 REFERENCE COUNT: 17 THERE ARE 17 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 490 OF 1480 CAPLUS COPYRIGHT 2011 ACS on STN  
 ACCESSION NUMBER: 2001:579361 CAPLUS  
 DOCUMENT NUMBER: 135:172945  
 TITLE: Silver halide color photographic material containing pyrazolotriazole derivative cyan coupler  
 INVENTOR(S): Suzuki, Takashi; Ikesu, Satoru; Okubo, Kimihiko; Chen, Zu Liu; Oshiyama, Tomohiro  
 PATENT ASSIGNEE(S): Konica Co., Japan  
 SOURCE: Jpn. Kokai Tokkyo Koho, 52 pp.  
 CODEN: JKXXAF  
 DOCUMENT TYPE: Patent  
 LANGUAGE: Japanese  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2001215667	A	20010810	JP 2000-28876	20000207
PRIORITY APPLN. INFO.:			JP 2000-28876	20000207
OTHER SOURCE(S):	MARPAT 135:172945			
IT 199009-24-0				
RL: RCT (Reactant); RACT (Reactant or reagent)				
(preparation of pyrazolotriazole derivative photog. cyan coupler)				
RN 199009-24-0 CAPLUS				
CN Valine, octadecyl ester (CA INDEX NAME)				



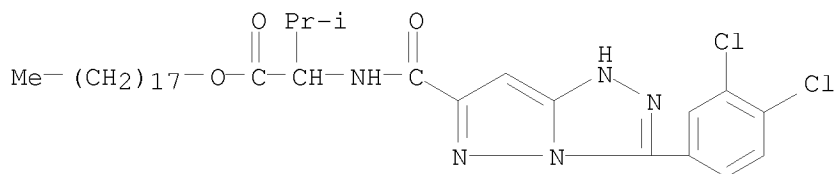
IT 353302-96-2P  
 RL: DEV (Device component use); PNU (Preparation, unclassified); PREP (Preparation); USES (Uses)  
 (pyrazolotriazole derivative photog. cyan coupler)  
 RN 353302-96-2 CAPLUS  
 CN Valine, N-[[7-chloro-3-[4-(1,1-dimethylethyl)phenyl]-1H-pyrazolo[5,1-c]-1,2,4-triazol-6-yl]carbonyl]-, octadecyl ester (CA INDEX NAME)



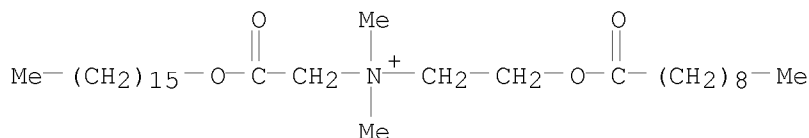
L3 ANSWER 491 OF 1480 CAPLUS COPYRIGHT 2011 ACS on STN  
 ACCESSION NUMBER: 2001:563998 CAPLUS  
 DOCUMENT NUMBER: 135:144646  
 TITLE: Formation of full-color photographic images with gradational dots by scanning exposure  
 INVENTOR(S): Tanaka, Shigeo; Suzuki, Toshitsugu  
 PATENT ASSIGNEE(S): Konica Co., Japan  
 SOURCE: Jpn. Kokai Tokkyo Koho, 28 pp.  
 CODEN: JKXXAF  
 DOCUMENT TYPE: Patent  
 LANGUAGE: Japanese  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2001209153	A	20010803	JP 2000-20087	20000128
PRIORITY APPLN. INFO.:			JP 2000-20087	20000128
OTHER SOURCE(S):	MARPAT 135:144646			

IT 209536-40-3  
 RL: PEP (Physical, engineering or chemical process); TEM (Technical or engineered material use); PROC (Process); USES (Uses)  
 (cyan coupler; formation of color photog. images with constant colors by controlling dot gradations)  
 RN 209536-40-3 CAPLUS  
 CN Valine, N-[[3-(3,4-dichlorophenyl)-1H-pyrazolo[5,1-c]-1,2,4-triazol-6-yl]carbonyl]-, octadecyl ester (CA INDEX NAME)



L3 ANSWER 492 OF 1480 CAPLUS COPYRIGHT 2011 ACS on STN  
 ACCESSION NUMBER: 2001:561607 CAPLUS  
 DOCUMENT NUMBER: 135:349024  
 TITLE: Ion-selective electrode for the determination of sulfadimezine  
 AUTHOR(S): Kharitonov, S. V.  
 CORPORATE SOURCE: Tver State University, Tver, 170002, Russia  
 SOURCE: Journal of Analytical Chemistry (Translation of Zhurnal Analiticheskoi Khimii) (2001), 56(7), 671-675  
 CODEN: JACTE2; ISSN: 1061-9348  
 PUBLISHER: MAIK Nauka/Interperiodica Publishing  
 DOCUMENT TYPE: Journal  
 LANGUAGE: English  
 IT 371172-28-0  
 RL: ARG (Analytical reagent use); ANST (Analytical study); USES (Uses) (determination of sulfadimezine by potentiometry using quaternary ammonium salts as ionophore groups in ion exchangers)  
 RN 371172-28-0 CAPLUS  
 CN Ethanaminium, 2-(hexadecyloxy)-N,N-dimethyl-2-oxo-N-[2-[(1-oxodecyl)oxy]ethyl]-, chloride (1:1) (CA INDEX NAME)



● Cl<sup>-</sup>

REFERENCE COUNT: 17 THERE ARE 17 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 493 OF 1480 CAPLUS COPYRIGHT 2011 ACS on STN  
 ACCESSION NUMBER: 2001:545525 CAPLUS  
 DOCUMENT NUMBER: 135:157672  
 TITLE: Cyclic peptide compositions for nasal administration  
 INVENTOR(S): Horii, Ikuo; Kobayashi, Kazuko; Shimma, Nobuo; Yanagawa, Akira  
 PATENT ASSIGNEE(S): Basilea Pharmaceutica A.-G., Switz.  
 SOURCE: PCT Int. Appl., 117 pp.  
 CODEN: PIXXD2  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001052894	A2	20010726	WO 2001-EP163	20010109
WO 2001052894	A3	20020131		
W:	AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, UZ, VN, YU, ZA, ZW			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			

CA 2396381	A1	20010726	CA 2001-2396381	20010109
AU 2001037280	A	20010731	AU 2001-37280	20010109
EP 1251827	A2	20021030	EP 2001-909587	20010109
EP 1251827	B1	20040526		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
BR 2001007764	A	20021112	BR 2001-7764	20010109
JP 2003535042	T	20031125	JP 2001-552941	20010109
AT 267582	T	20040615	AT 2001-909587	20010109
ES 2220724	T3	20041216	ES 2001-909587	20010109
US 20010038824	A1	20011108	US 2001-765846	20010119
ZA 2002005240	A	20030929	ZA 2002-5240	20020628
MX 2002007052	A	20021213	MX 2002-7052	20020718

PRIORITY APPLN. INFO.:

EP 2000-101057	A	20000120
WO 2001-EP163	W	20010109

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT

OTHER SOURCE(S): MARPAT 135:157672

IT 256947-07-6

RL: BOC (Biological occurrence); BSU (Biological study, unclassified); RCT (Reactant); BIOL (Biological study); OCCU (Occurrence); RACT (Reactant or reagent)

(preparation of cyclic peptide compns. for nasal administration)

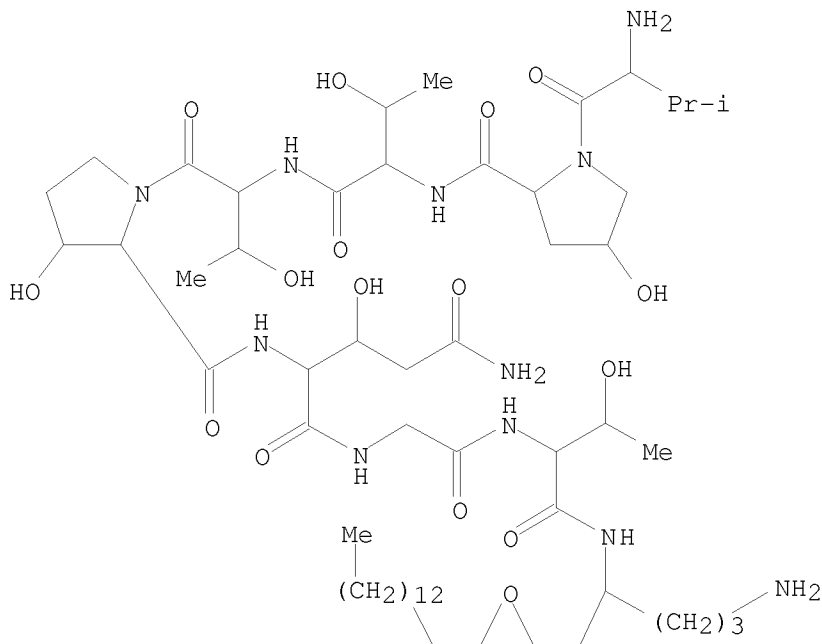
RN 256947-07-6 CAPLUS

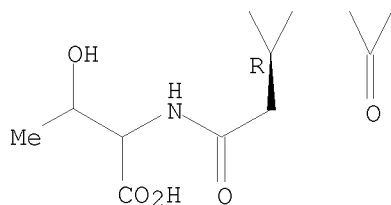
CN Threonine, valyl-4-hydroxyprolylthreonylthreonyl-3-hydroxyprolyl-3-hydroxyglutaminylglycylthreonylornithyl-(3R)-3-hydroxyhexadecanoyl- (9CI)  
(CA INDEX NAME)

Absolute stereochemistry.

Currently available stereo shown.

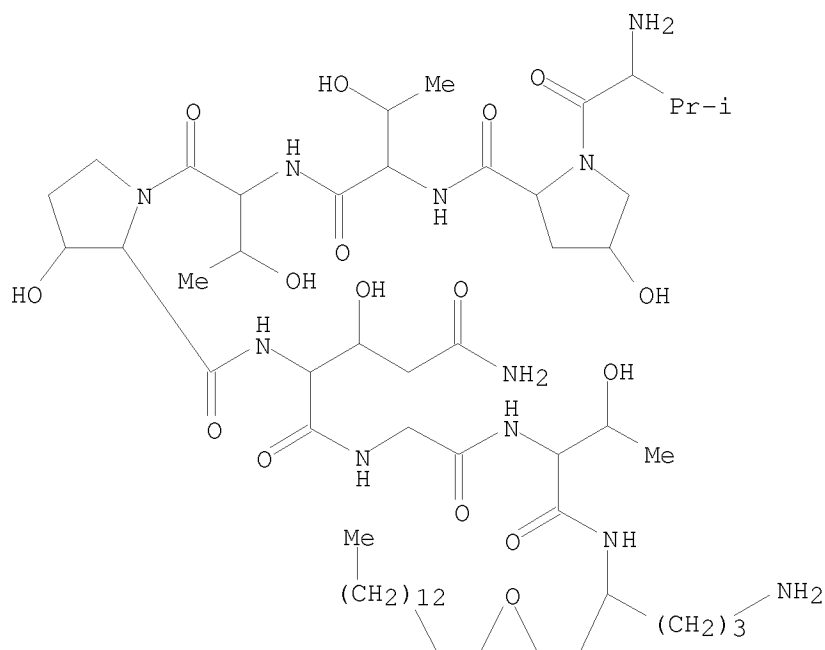
PAGE 1-A

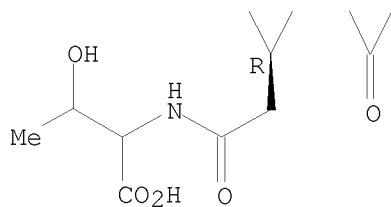




IT 256947-10-1P 256947-11-2P 256947-12-3P  
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT  
 (Reactant or reagent)  
 (preparation of cyclic peptide compns. for nasal administration)  
 RN 256947-10-1 CAPLUS  
 CN Threonine, valyl-4-hydroxyprolylthreonylthreonyl-3-hydroxyprolyl-3-  
 hydroxyglutaminylglycylthreonylornithyl-(3R)-3-hydroxyhexadecanoyl-,  
 mono(trifluoroacetate) (salt) (9CI) (CA INDEX NAME)  
 CM 1  
 CRN 256947-07-6  
 CMF C59 H104 N12 O21

Absolute stereochemistry.  
 Currently available stereo shown.

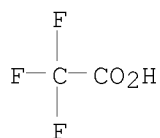




CM 2

CRN 76-05-1

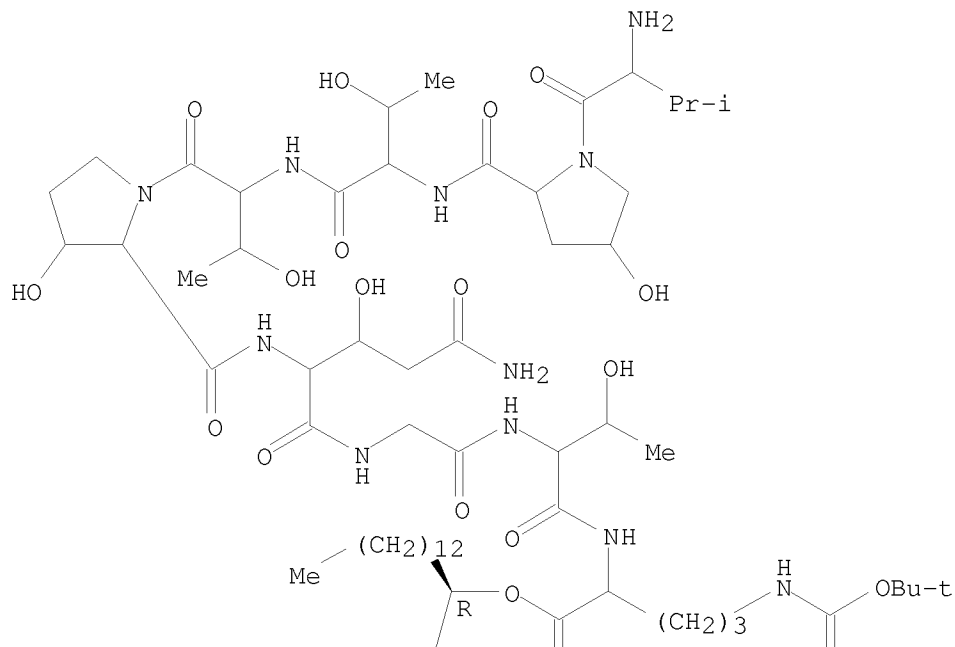
CMF C2 H F3 O2



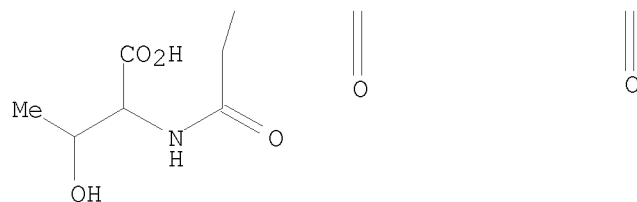
RN 256947-11-2 CAPLUS

CN Threonine, valyl-4-hydroxyprolylthreonylthreonyl-3-hydroxyprolyl-3-hydroxyglutaminyglycylthreonyl-N5-[(1,1-dimethylethoxy)carbonyl]ornithyl-(3R)-3-hydroxyhexadecanoyl- (9CI) (CA INDEX NAME)

Absolute stereochemistry.  
Currently available stereo shown.

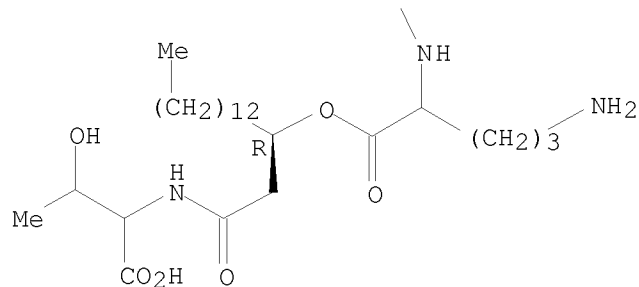
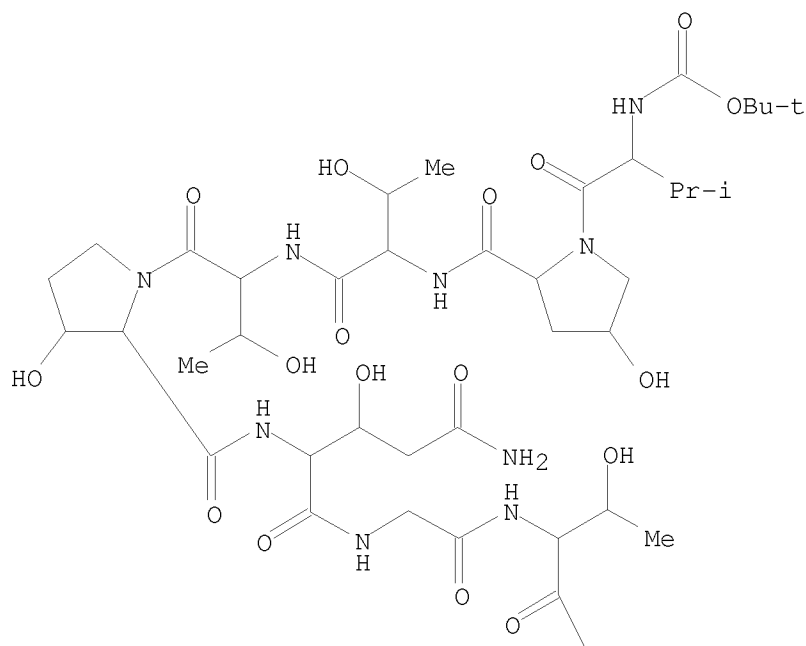






RN 256947-12-3 CAPLUS  
 CN Threonine, N-[(1,1-dimethylethoxy)carbonyl]valyl-4-hydroxypropylthreonylthreonyl-3-hydroxypropyl-3-hydroxyglutaminyglycylthreonylornithyl-(3R)-3-hydroxyhexadecanoyl- (9CI)  
 (CA INDEX NAME)

Absolute stereochemistry.  
 Currently available stereo shown.



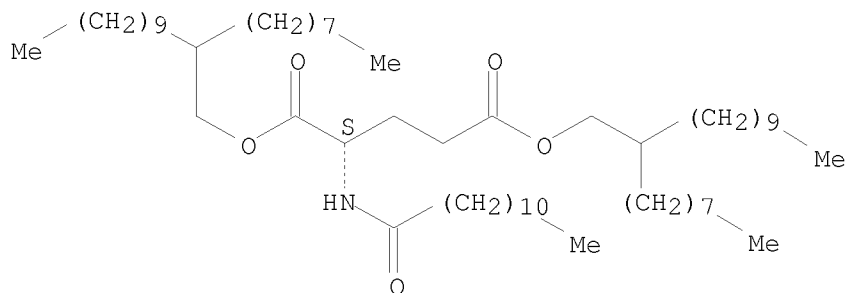
(3 CITINGS)  
REFERENCE COUNT: 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 494 OF 1480 CAPLUS COPYRIGHT 2011 ACS on STN  
ACCESSION NUMBER: 2001:534411 CAPLUS  
DOCUMENT NUMBER: 135:126942  
TITLE: Aqueous solid cosmetic compositions containing powders, agars and/or gelatins, lipophilic surfactants and organopolysiloxanes  
INVENTOR(S): Tomita, Yuriko; Tanaka, Yoichiro  
PATENT ASSIGNEE(S): Kosei Co., Ltd., Japan  
SOURCE: Jpn. Kokai Tokkyo Koho, 8 pp.  
CODEN: JKXXAF  
DOCUMENT TYPE: Patent  
LANGUAGE: Japanese  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2001199828	A	20010724	JP 2000-10761	20000119

PRIORITY APPLN. INFO.: JP 2000-10761 20000119  
IT 82204-94-2  
RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)  
(aqueous solid cosmetic compns. containing agars and/or gelatins and powders and lipophilic surfactants and organopolysiloxanes)  
RN 82204-94-2 CAPLUS  
CN L-Glutamic acid, N-(1-oxododecyl)-, 1,5-bis(2-octyldodecyl) ester (CA INDEX NAME)

Absolute stereochemistry.



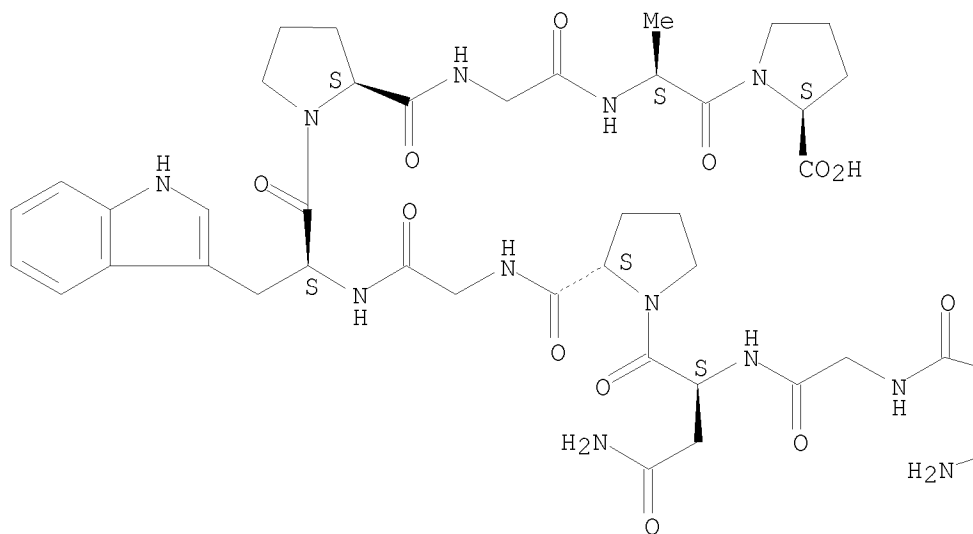
OS.CITING REF COUNT: 2 THERE ARE 2 CAPLUS RECORDS THAT CITE THIS RECORD (2 CITINGS)

L3 ANSWER 495 OF 1480 CAPLUS COPYRIGHT 2011 ACS on STN  
ACCESSION NUMBER: 2001:530951 CAPLUS  
DOCUMENT NUMBER: 135:269023  
TITLE: Self-Assembly of Model Collagen Peptide Amphiphiles  
AUTHOR(S): Gore, Tushar; Dori, Yoav; Talmon, Yeshayahu; Tirrell, Matthew; Bianco-Peled, Havazelet  
CORPORATE SOURCE: Department of Chemical Engineering and Materials Science, University of Minnesota, Minneapolis, MN, 55455, USA  
SOURCE: Langmuir (2001), 17(17), 5352-5360  
CODEN: LANGD5; ISSN: 0743-7463  
PUBLISHER: American Chemical Society  
DOCUMENT TYPE: Journal

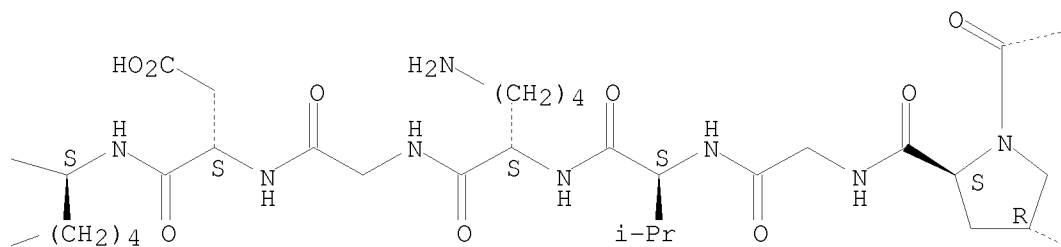
LANGUAGE: English  
 IT 204188-22-7 363133-88-4 363133-92-0  
 RL: BPR (Biological process); BSU (Biological study, unclassified); PRP (Properties); BIOL (Biological study); PROC (Process)  
 (self-assembly of model collagen peptide amphiphiles)  
 RN 204188-22-7 CAPLUS  
 CN L-Proline, N-[4-[[[(1S)-4-(hexadecyloxy)-1-[(hexadecyloxy)carbonyl]-4-oxobutyl]amino]-1,4-dioxobutyl]glycyl-L-prolyl-(4R)-4-hydroxy-L-prolylglycyl-L-prolyl-(4R)-4-hydroxy-L-prolylglycyl-L-prolyl-(4R)-4-hydroxy-L-prolylglycyl-L-valyl-L-lysylglycyl-L- $\alpha$ -aspartyl-L-lysylglycyl-L-asparaginy-L-prolylglycyl-L-tryptophyl-L-prolylglycyl-L-alanyl- (9CI) (CA INDEX NAME)

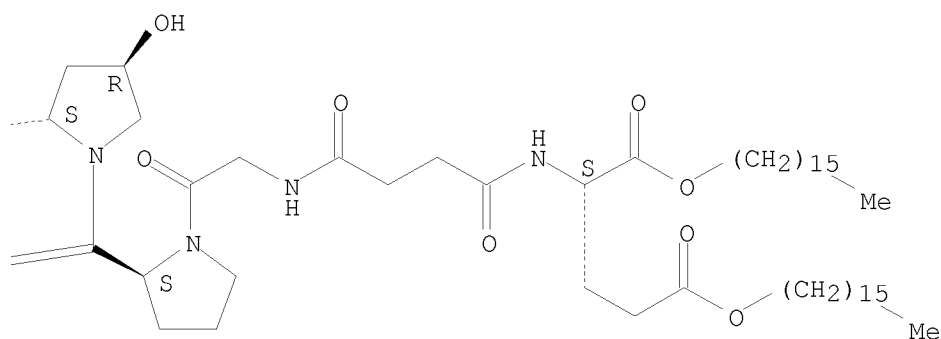
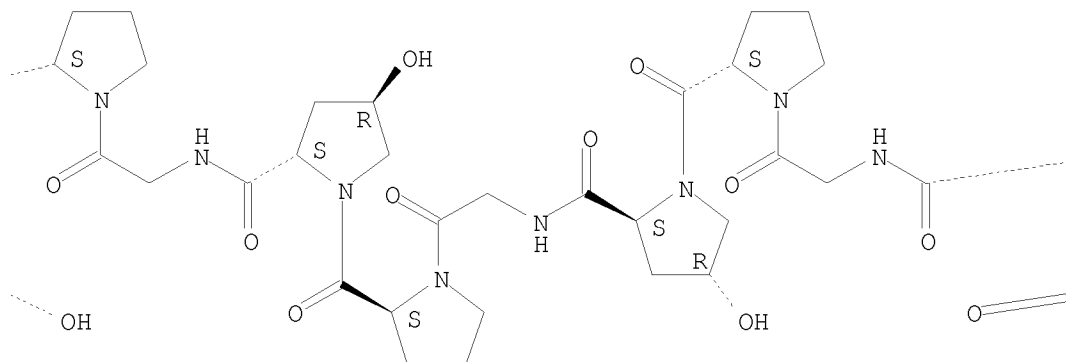
Absolute stereochemistry.

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PAGE 1-B



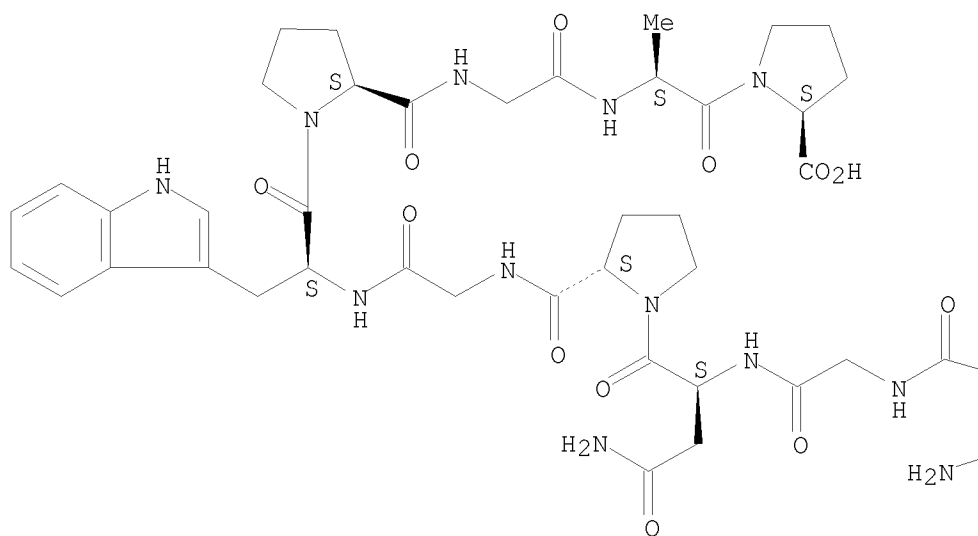


RN 363133-88-4 CAPLUS

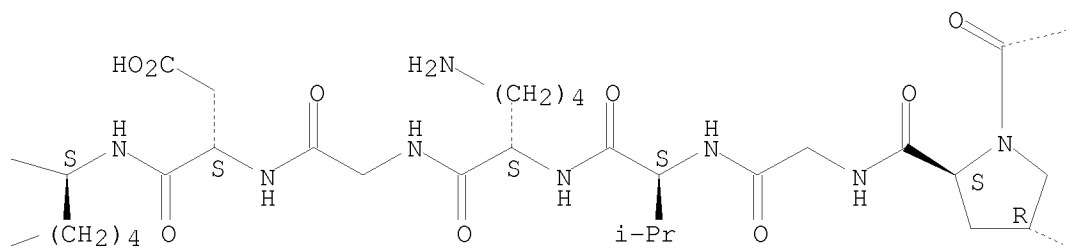
CN L-Proline, N-[4-[[[(1S)-4-(octadecyloxy)-1-[(octadecyloxy)carbonyl]-4-oxobutyl]amino]-1,4-dioxobutyl]glycyl-L-prolyl-(4R)-4-hydroxy-L-prolylglycyl-L-prolyl-(4R)-4-hydroxy-L-prolylglycyl-L-prolyl-(4R)-4-hydroxy-L-prolylglycyl-L-prolyl-(4R)-4-hydroxy-L-prolylglycyl-L-valyl-L-lysylglycyl-L- $\alpha$ -aspartyl-L-lysylglycyl-L-asparaginyl-L-prolylglycyl-L-tryptophyl-L-prolylglycyl-L-alanyl- (9CI) (CA INDEX NAME)

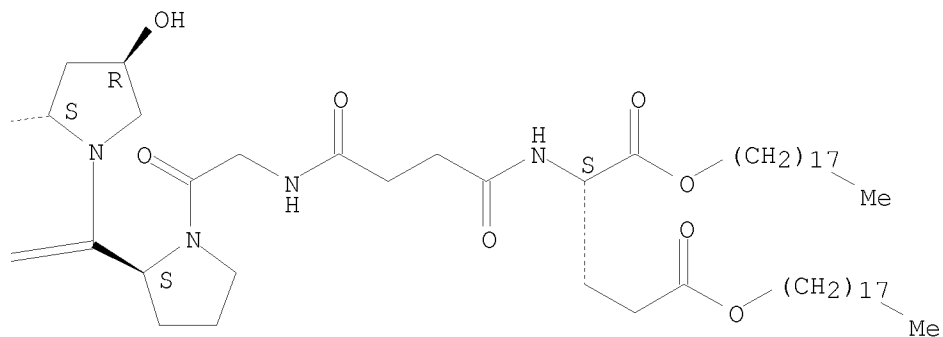
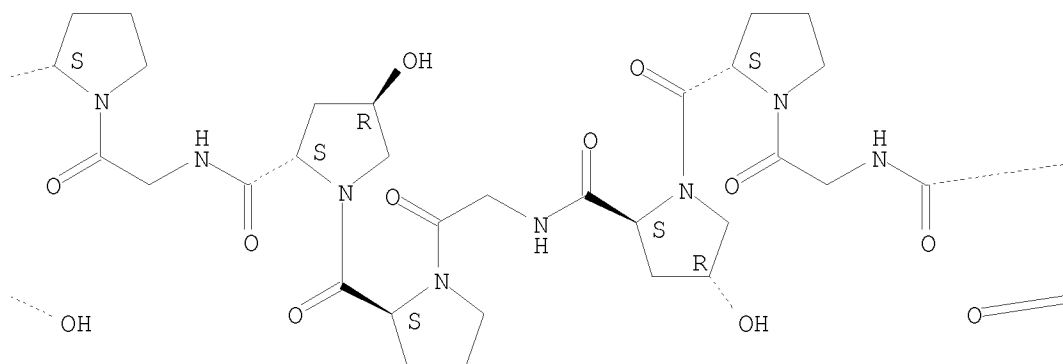
Absolute stereochemistry.

PAGE 1-A



PAGE 1-B



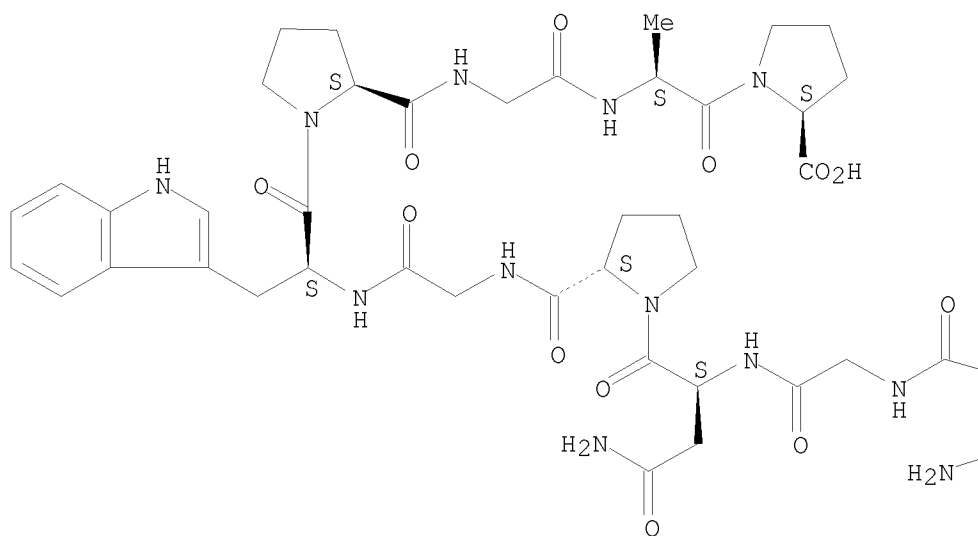


RN 363133-92-0 CAPLUS

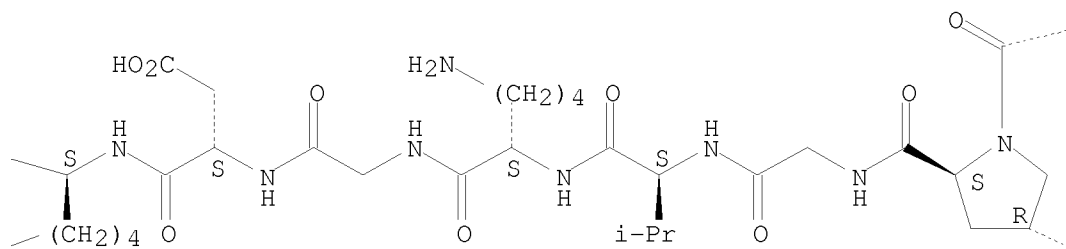
CN L-Proline, N-[4-[[[(1S)-1-[(eicosyloxy)carbonyl]-4-(octadecyloxy)-4-oxobutyl]amino]-1,4-dioxobutyl]glycyl-L-prolyl-(4R)-4-hydroxy-L-prolylglycyl-L-prolyl-(4R)-4-hydroxy-L-prolylglycyl-L-prolyl-(4R)-4-hydroxy-L-prolylglycyl-L-prolyl-(4R)-4-hydroxy-L-prolylglycyl-L-valyl-L-lysylglycyl-L- $\alpha$ -aspartyl-L-lysylglycyl-L-asparaginyll-L-prolylglycyl-L-tryptophyl-L-prolylglycyl-L-alanyl- (9CI) (CA INDEX NAME)

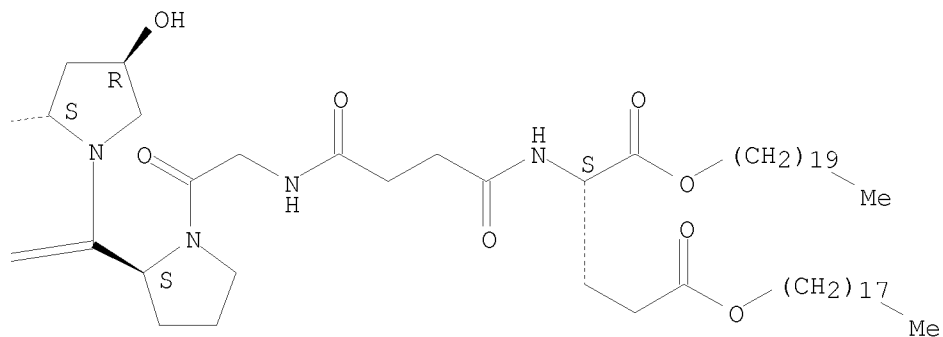
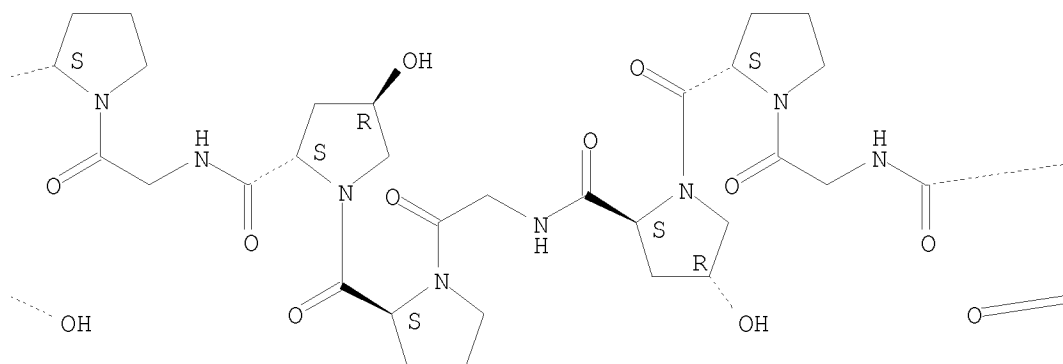
Absolute stereochemistry.

PAGE 1-A



PAGE 1-B





OS.CITING REF COUNT: 51 THERE ARE 51 CAPLUS RECORDS THAT CITE THIS  
RECORD (51 CITINGS)  
REFERENCE COUNT: 36 THERE ARE 36 CITED REFERENCES AVAILABLE FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

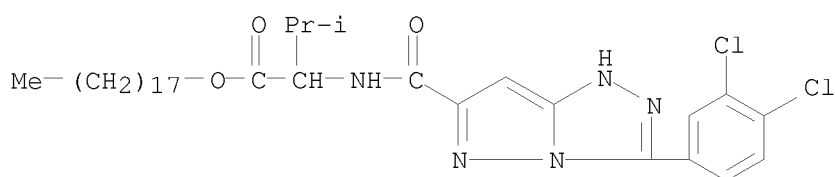
L3 ANSWER 496 OF 1480 CAPLUS COPYRIGHT 2011 ACS on STN  
ACCESSION NUMBER: 2001:485399 CAPLUS  
DOCUMENT NUMBER: 135:84224  
TITLE: Silver halide photographic material and image forming  
methods by scanning exposure  
INVENTOR(S): Takimoto, Masataka; Tanaka, Shigeo  
PATENT ASSIGNEE(S): Konica Co., Japan  
SOURCE: Jpn. Kokai Tokkyo Koho, 37 pp.  
CODEN: JKXXAF



DOCUMENT TYPE: Patent  
 LANGUAGE: Japanese  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2001183757	A	20010706	JP 1999-366049	19991224

PRIORITY APPLN. INFO.: JP 1999-366049 19991224  
 OTHER SOURCE(S): MARPAT 135:84224  
 IT 209536-40-3  
 RL: DEV (Device component use); USES (Uses)  
 (diazole derivative photog. cyan coupler)  
 RN 209536-40-3 CAPLUS  
 CN Valine, N-[[3-(3,4-dichlorophenyl)-1H-pyrazolo[5,1-c]-1,2,4-triazol-6-yl]carbonyl]-, octadecyl ester (CA INDEX NAME)

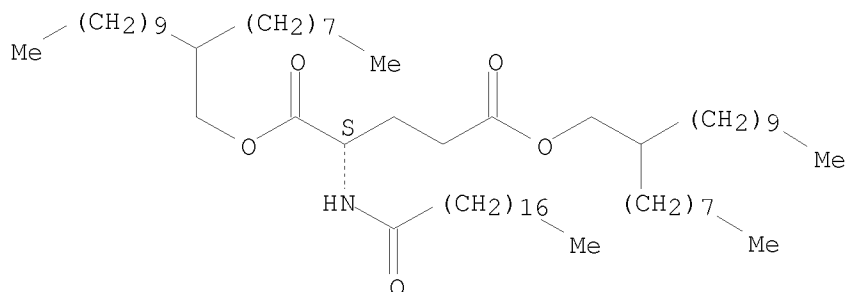


L3 ANSWER 497 OF 1480 CAPLUS COPYRIGHT 2011 ACS on STN  
 ACCESSION NUMBER: 2001:477514 CAPLUS  
 DOCUMENT NUMBER: 135:81840  
 TITLE: Water-in-oil emulsion containing oil-soluble active agents and lipophilic emulsifiers for skin applications  
 INVENTOR(S): Takizawa, Hiroko; Miyamoto, Sonoko  
 PATENT ASSIGNEE(S): Lion Corp., Japan  
 SOURCE: Jpn. Kokai Tokkyo Koho, 14 pp.  
 CODEN: JKXXAF  
 DOCUMENT TYPE: Patent  
 LANGUAGE: Japanese  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2001181166	A	20010703	JP 1999-364438	19991222

PRIORITY APPLN. INFO.: JP 1999-364438 19991222  
 IT 164259-39-6  
 RL: BUU (Biological use, unclassified); THU (Therapeutic use); BIOL  
 (Biological study); USES (Uses)  
 (water-in-oil emulsion containing oil-soluble active agents and lipophilic emulsifiers for skin applications)  
 RN 164259-39-6 CAPLUS  
 CN L-Glutamic acid, N-(1-oxooctadecyl)-, 1,5-bis(2-octyldodecyl) ester (CA INDEX NAME)

Absolute stereochemistry.



L3 ANSWER 498 OF 1480 CAPLUS COPYRIGHT 2011 ACS on STN  
 ACCESSION NUMBER: 2001:451176 CAPLUS  
 DOCUMENT NUMBER: 135:53468  
 TITLE: Color imaging of silver halide photographic material  
 for color proof by laser or LED scanning  
 INVENTOR(S): Sasagawa, Masayuki; Tosaka, Yasuo  
 PATENT ASSIGNEE(S): Konica Co., Japan  
 SOURCE: Jpn. Kokai Tokkyo Koho, 50 pp.  
 CODEN: JKXXAF  
 DOCUMENT TYPE: Patent  
 LANGUAGE: Japanese  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2001166435	A	20010622	JP 1999-347611	19991207
PRIORITY APPLN. INFO.:			JP 1999-347611	19991207

OTHER SOURCE(S): MARPAT 135:53468

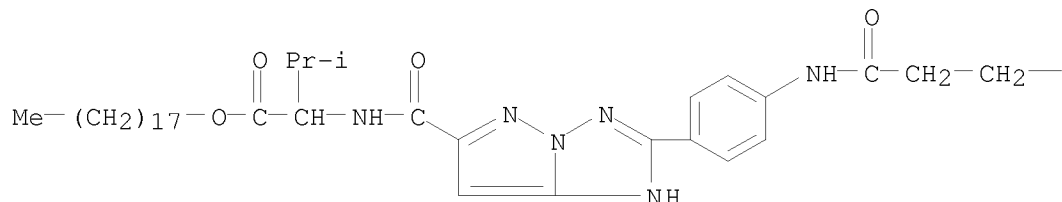
IT 211428-02-3

RL: DEV (Device component use); USES (Uses)  
 (cyan coupler; color imaging of silver halide photog. material for  
 color proof by laser or LED scanning)

RN 211428-02-3 CAPLUS

CN Valine, N-[[2-[4-[(3-carboxy-1-oxopropyl)amino]phenyl]-1H-pyrazolo[1,5-  
 b][1,2,4]triazol-6-yl]carbonyl]-, 1-octadecyl ester (9CI) (CA INDEX NAME)

PAGE 1-A



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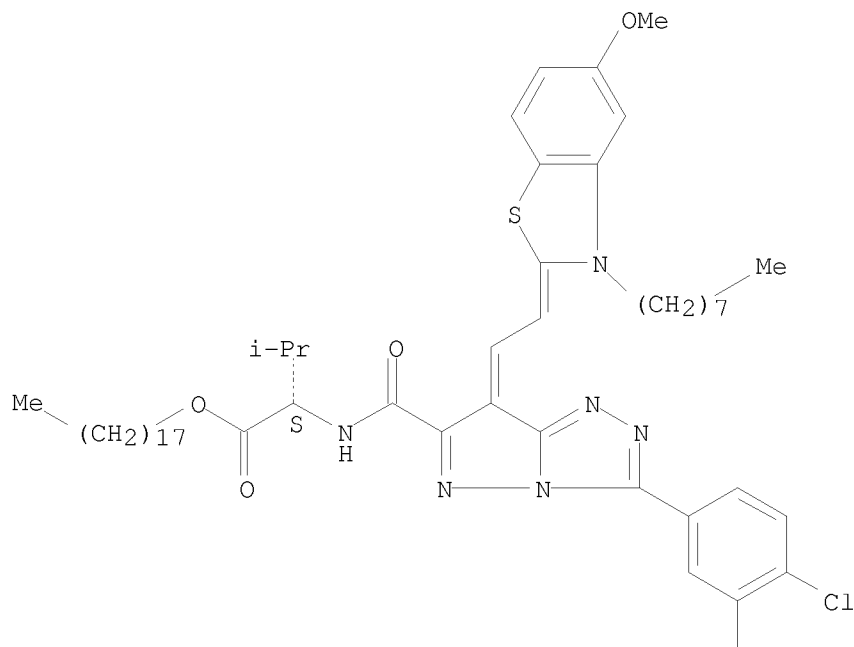
L3 ANSWER 499 OF 1480 CAPLUS COPYRIGHT 2011 ACS on STN  
 ACCESSION NUMBER: 2001:423564 CAPLUS  
 DOCUMENT NUMBER: 135:53474  
 TITLE: Color toner and ink-jet printing ink containing metal complex dye  
 INVENTOR(S): Honda, Mari; Tanaka, Mari; Ikemizu, Hiroshi; Nakayama, Yoriko  
 PATENT ASSIGNEE(S): Konica Co., Japan  
 SOURCE: Jpn. Kokai Tokkyo Koho, 42 pp.  
 CODEN: JKXXAF  
 DOCUMENT TYPE: Patent  
 LANGUAGE: Japanese  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2001159832	A	20010612	JP 2000-239889	20000808
PRIORITY APPLN. INFO.:			JP 1999-267094	A 19990921

OTHER SOURCE(S): MARPAT 135:53474  
 IT 344409-44-5D, cobalt complex  
 RL: TEM (Technical or engineered material use); USES (Uses)  
 (electrophotog. color toner and printing ink containing metal complex dye)  
 RN 344409-44-5 CAPLUS  
 CN L-Valine, N-[[3-(3,4-dichlorophenyl)-7-[(5-methoxy-3-octyl-2(3H)-benzothiazolylidene)ethylidene]-7H-pyrazolo[5,1-c]-1,2,4-triazol-6-yl]carbonyl]-, octadecyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.  
 Double bond geometry unknown.

PAGE 1-A



|  
C1

OS.CITING REF COUNT: 2 THERE ARE 2 CAPLUS RECORDS THAT CITE THIS RECORD  
(2 CITINGS)

L3 ANSWER 500 OF 1480 CAPLUS COPYRIGHT 2011 ACS on STN

ACCESSION NUMBER: 2001:404640 CAPLUS

DOCUMENT NUMBER: 135:157548

TITLE: Vesicle-Forming Properties of New Phospholipid Analogues Derived from N-Phosphonoacetyl-L-aspartate (PALA): Particle Features and Morphology in Relation with Alkyl Chain Lengths

AUTHOR(S): Oliger, Patrick; Schmutz, Marc; Hebrant, Marc; Grison, Claude; Coutrot, Philippe; Tondre, Christian

CORPORATE SOURCE: Laboratoire de Chimie Physique Organique et Colloïdale and Laboratoire de Chimie Organique II, UMR CNRS 7565 Institut Nanceien de Chimie Moléculaire Université Henri Poincaré-Nancy I, Nancy-Vandoeuvre, 54506, Fr.

SOURCE: Langmuir (2001), 17(13), 3893-3897

CODEN: LANGD5; ISSN: 0743-7463

PUBLISHER: American Chemical Society

DOCUMENT TYPE: Journal

LANGUAGE: English

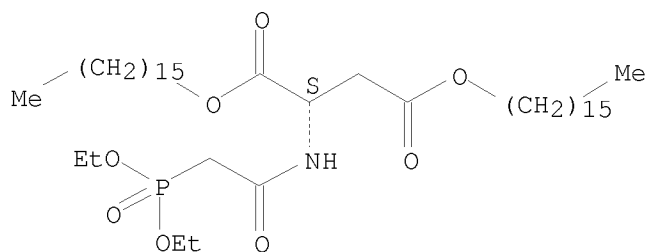
IT 352301-09-8P 352301-16-7P

RL: PRP (Properties); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)  
(vesicle-forming properties of phospholipid analogs derived from phosphonoacetyl aspartate)

RN 352301-09-8 CAPLUS

CN L-Aspartic acid, N-[(diethoxyphosphinyl)acetyl]-, dihexadecyl ester (9CI)  
(CA INDEX NAME)

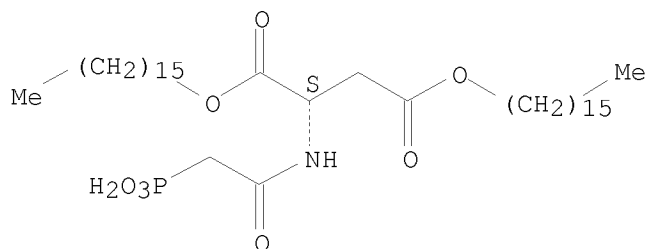
Absolute stereochemistry.



RN 352301-16-7 CAPLUS

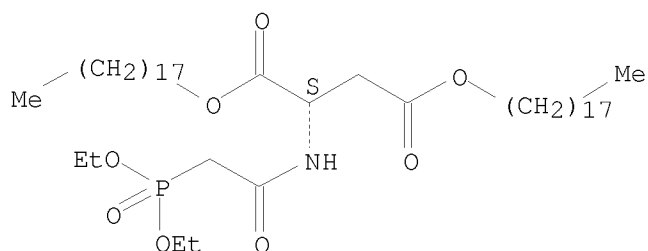
CN L-Aspartic acid, N-(phosphonoacetyl)-, 1,4-dihexadecyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



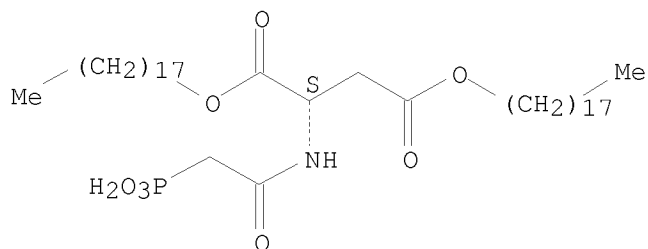
IT 253195-91-4 253195-92-5  
 RL: PRP (Properties); THU (Therapeutic use); BIOL (Biological study); USES  
 (Uses)  
 (vesicle-forming properties of phospholipid analogs derived from  
 phosphonoacetyl aspartate)  
 RN 253195-91-4 CAPLUS  
 CN L-Aspartic acid, N-[(diethoxyphosphinyl)acetyl]-, dioctadecyl ester (9CI)  
 (CA INDEX NAME)

Absolute stereochemistry.



RN 253195-92-5 CAPLUS  
 CN L-Aspartic acid, N-(phosphonoacetyl)-, 1,4-dioctadecyl ester (9CI) (CA  
 INDEX NAME)

Absolute stereochemistry.



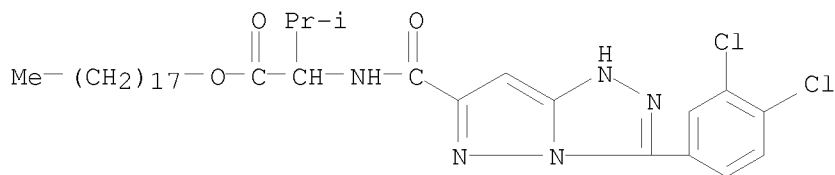
OS.CITING REF COUNT: 13 THERE ARE 13 CAPLUS RECORDS THAT CITE THIS  
 RECORD (13 CITINGS)  
 REFERENCE COUNT: 29 THERE ARE 29 CITED REFERENCES AVAILABLE FOR THIS  
 RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> d 501-525 ibib hitstr  
 YOU HAVE REQUESTED DATA FROM FILE 'CAPLUS' - CONTINUE? (Y)/N:y

L3 ANSWER 501 OF 1480 CAPLUS COPYRIGHT 2011 ACS on STN  
 ACCESSION NUMBER: 2001:388932 CAPLUS  
 DOCUMENT NUMBER: 135:12036  
 TITLE: Photographic color image formation suitable for color proof  
 INVENTOR(S): Senno, Shigeo; Tozaka, Yasuo  
 PATENT ASSIGNEE(S): Konica Co., Japan  
 SOURCE: Jpn. Kokai Tokkyo Koho, 25 pp.  
 CODEN: JKXXAF  
 DOCUMENT TYPE: Patent  
 LANGUAGE: Japanese  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

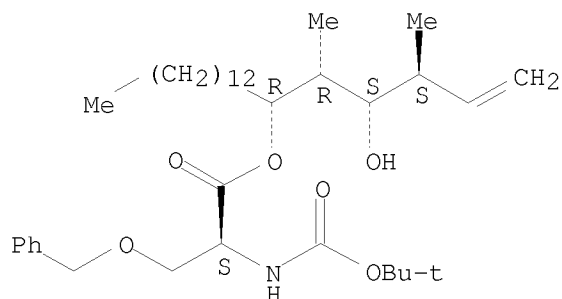
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2001147507	A	20010529	JP 1999-328186	19991118
PRIORITY APPLN. INFO.:			JP 1999-328186	19991118
IT 209536-40-3				

RL: DEV (Device component use); USES (Uses)  
 (silver halide photog. film containing pKa-controlled couplers for manufacture of color proof)  
 RN 209536-40-3 CAPLUS  
 CN Valine, N-[[3-(3,4-dichlorophenyl)-1H-pyrazolo[5,1-c]-1,2,4-triazol-6-yl]carbonyl]-, octadecyl ester (CA INDEX NAME)



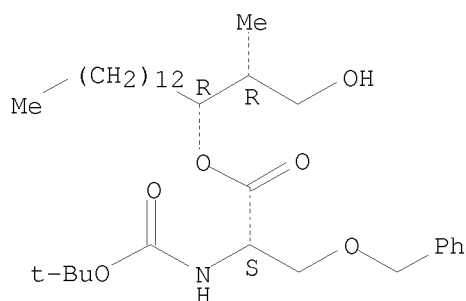
L3 ANSWER 502 OF 1480 CAPLUS COPYRIGHT 2011 ACS on STN  
 ACCESSION NUMBER: 2001:361942 CAPLUS  
 DOCUMENT NUMBER: 135:122742  
 TITLE: Total synthesis of stevastelin B, a novel immunosuppressant  
 AUTHOR(S): Kohyama, Naoki; Yamamoto, Yukio  
 CORPORATE SOURCE: Graduate School of Human and Environmental Studies, Kyoto University, Kyoto, 606-8501, Japan  
 SOURCE: Synlett (2001), (5), 694-696  
 CODEN: SYNLES; ISSN: 0936-5214  
 PUBLISHER: Georg Thieme Verlag  
 DOCUMENT TYPE: Journal  
 LANGUAGE: English  
 OTHER SOURCE(S): CASREACT 135:122742  
 IT 350817-16-2P 350817-19-5P 350817-20-8P  
 350817-21-9P 350817-22-0P 350817-27-5P  
 350817-28-6P 350817-29-7P 350817-32-2P  
 350817-33-3P 350817-34-4P 350817-36-6P  
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)  
 (total synthesis of the novel immunosuppressant stevastelin B)  
 RN 350817-16-2 CAPLUS  
 CN L-Serine, N-[(1,1-dimethylethoxy)carbonyl]-O-(phenylmethyl)-, (1R)-1-[(1R,2S,3S)-2-hydroxy-1,3-dimethyl-4-penten-1-yl]tetradecyl ester

Absolute stereochemistry.



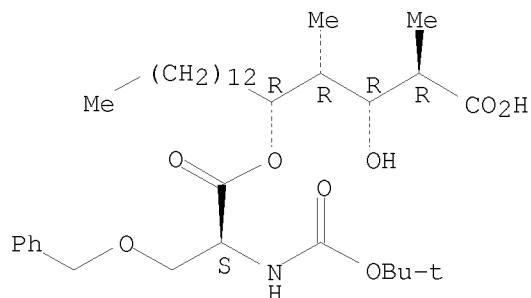
CN L-Serine, N-[(1,1-dimethylethoxy)carbonyl]-O-(phenylmethyl)-, (1R)-1-[(1R)-2-hydroxy-1-methylethyl]tetradecyl ester (CA INDEX NAME)

Absolute stereochemistry.



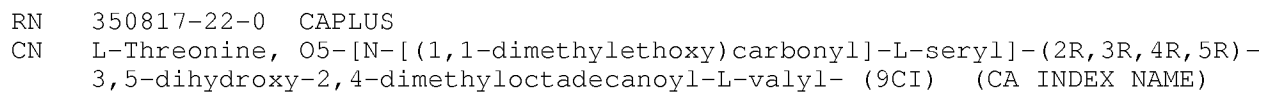
CN L-Serine, N-[(1,1-dimethylethoxy)carbonyl]-O-(phenylmethyl)-,  
(1R)-1-[(1R,2R,3R)-3-carboxy-2-hydroxy-1-methylbutyl]tetradecyl ester (CA  
INDEX NAME)

Absolute stereochemistry.



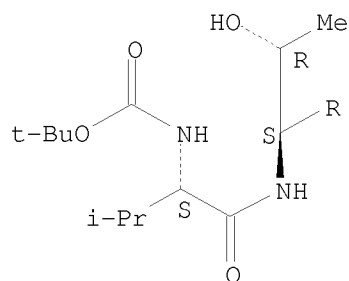
CN L-Threonine, O5-[N-[(1,1-dimethylethoxy)carbonyl]-O-(phenylmethyl)-L-seryl]-(2R,3R,4R,5R)-3,5-dihydroxy-2,4-dimethyloctadecanoyl-L-valyl-, phenylmethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



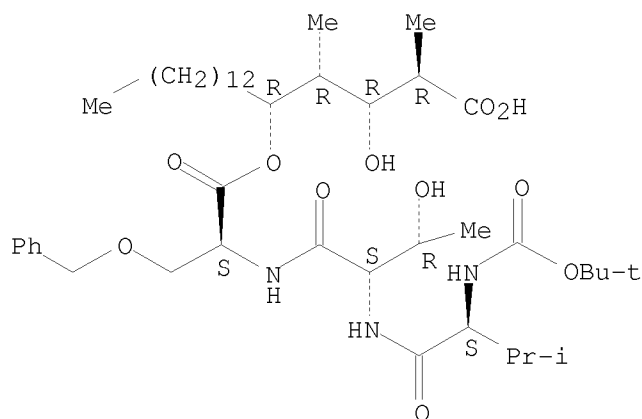
Absolute stereochemistry.





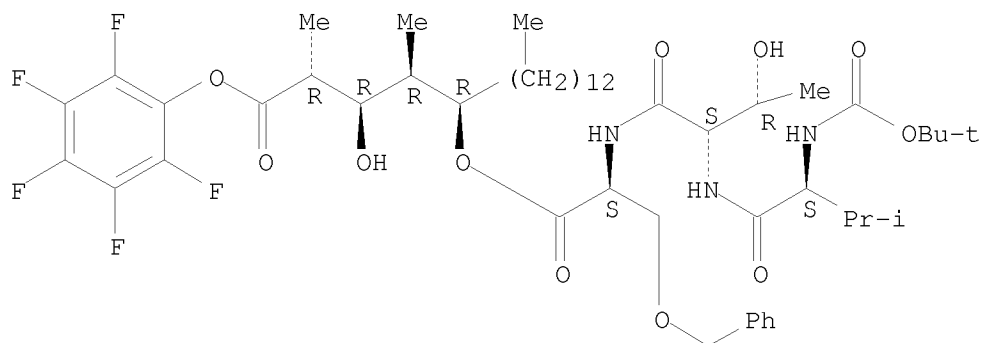
RN 350817-28-6 CAPLUS  
 CN L-Serine, N-[(1,1-dimethylethoxy)carbonyl]-L-valyl-L-threonyl-O-(phenylmethyl)-, (1R)-1-[(1R,2R,3R)-3-carboxy-2-hydroxy-1-methylbutyl]tetradecyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry. Rotation (-).



RN 350817-29-7 CAPLUS  
 CN L-Serine, N-[(1,1-dimethylethoxy)carbonyl]-L-valyl-L-threonyl-O-(phenylmethyl)-, (1R)-1-[(1R,2R,3R)-2-hydroxy-1,3-dimethyl-4-oxo-4-(pentafluorophenoxy)butyl]tetradecyl ester (9CI) (CA INDEX NAME)

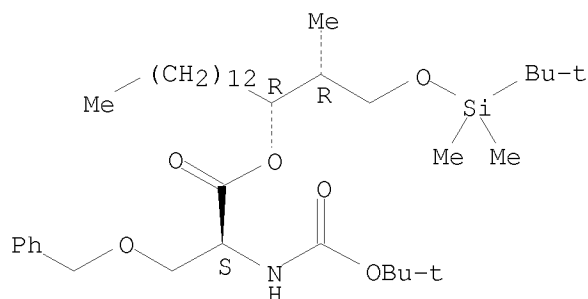
Absolute stereochemistry.



RN 350817-32-2 CAPLUS  
 CN 5,9-Dioxa-2-aza-10-siladodecanoic acid,  
 7,10,10,11,11-pentamethyl-4-oxo-3-[(phenylmethoxy)methyl]-6-tridecyl-,

1,1-dimethylethyl ester, (3S,6R,7R)- (9CI) (CA INDEX NAME)

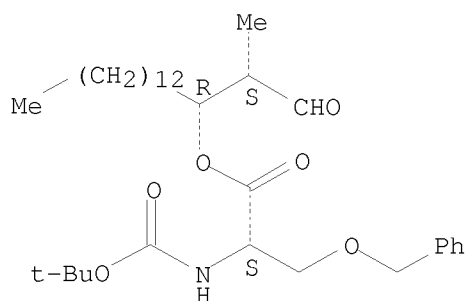
Absolute stereochemistry.



RN 350817-33-3 CAPLUS

CN L-Serine, N-[(1,1-dimethylethoxy)carbonyl]-O-(phenylmethyl)-,  
(1R)-1-[(1S)-1-methyl-2-oxoethyl]tetradecyl ester (CA INDEX NAME)

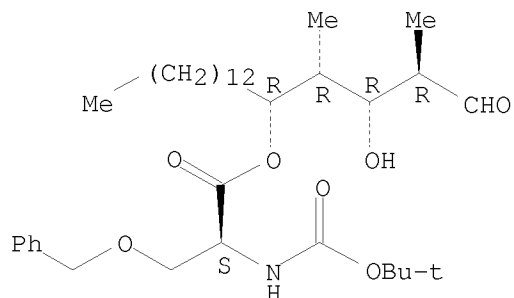
Absolute stereochemistry.



RN 350817-34-4 CAPLUS

CN L-Serine, N-[(1,1-dimethylethoxy)carbonyl]-O-(phenylmethyl)-,  
(1R)-1-[(1R,2R,3R)-2-hydroxy-1,3-dimethyl-4-oxobutyl]tetradecyl ester (CA  
INDEX NAME)

Absolute stereochemistry.



RN 350817-36-6 CAPLUS

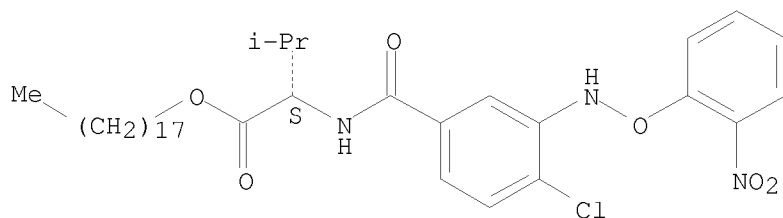
CN L-Serine, N-[(1,1-dimethylethoxy)carbonyl]-L-valyl-L-threonyl-O-  
(phenylmethyl)-, (1R)-1-[(1R,2R,3R)-2-hydroxy-1,3-dimethyl-4-  
oxobutyl]tetradecyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.

OS.CITING REF COUNT:	16	THERE ARE 16 CAPLUS RECORDS THAT CITE THIS RECORD (16 CITINGS)
REFERENCE COUNT:	13	THERE ARE 13 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT
L3 ANSWER 503 OF 1480	CAPLUS COPYRIGHT 2011 ACS on STN	
ACCESSION NUMBER:	2001:356513	CAPLUS
DOCUMENT NUMBER:	134:373989	
TITLE:	Silver halide color photosensitive material containing novel yellow coupler	
INVENTOR(S):	Chisu, Satoru	
PATENT ASSIGNEE(S):	Konica Co., Japan	
SOURCE:	Jpn. Kokai Tokkyo Koho, 48 pp. CODEN: JKXXAF	
DOCUMENT TYPE:	Patent	
LANGUAGE:	Japanese	
FAMILY ACC. NUM. COUNT:	1	
PATENT INFORMATION:		

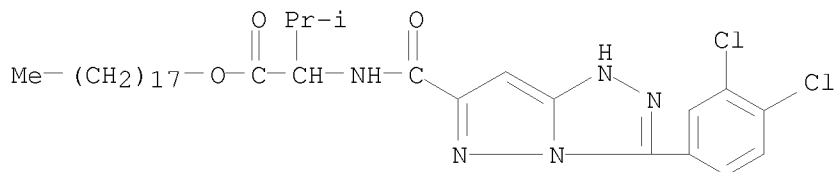
	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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	JP 2001133944	A	20010518	JP 1999-318264	19991109
PRIORITY APPLN. INFO.:				JP 1999-318264	19991109
OTHER SOURCE(S):	MARPAT 134:373989				
IT	340040-09-7				
	RL: DEV (Device component use); USES (Uses)				
	(amine compound two equivalent photog. yellow coupler)				
RN	340040-09-7 CAPLUS				
CN	L-Valine, N-[4-chloro-3-[(2-nitrophenoxy)amino]benzoyl]-, octadecyl ester				
	(CA INDEX NAME)				

Absolute stereochemistry.



L3 ANSWER 504 OF 1480 CAPLUS COPYRIGHT 2011 ACS on STN  
 ACCESSION NUMBER: 2001:336580 CAPLUS  
 DOCUMENT NUMBER: 134:359476  
 TITLE: Color image forming method by scanning exposure of silver halide photographic material  
 INVENTOR(S): Tosaka, Yasuo; Senno, Shigeo  
 PATENT ASSIGNEE(S): Konica Co., Japan  
 SOURCE: Jpn. Kokai Tokkyo Koho, 47 pp.  
 CODEN: JKXXAF  
 DOCUMENT TYPE: Patent  
 LANGUAGE: Japanese  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

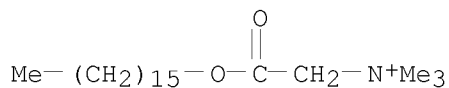
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2001125230	A	20010511	JP 1999-306240	19991028
PRIORITY APPLN. INFO.:			JP 1999-306240	19991028
OTHER SOURCE(S):		MARPAT 134:359476		
IT 209536-40-3				
RL: DEV (Device component use); USES (Uses) (cyan coupler; photog. paper containing pyrazole derivative cyan coupler)				
RN 209536-40-3 CAPLUS				
CN Valine, N-[[3-(3,4-dichlorophenyl)-1H-pyrazolo[5,1-c]-1,2,4-triazol-6-yl]carbonyl]-, octadecyl ester (CA INDEX NAME)				



L3 ANSWER 505 OF 1480 CAPLUS COPYRIGHT 2011 ACS on STN  
 ACCESSION NUMBER: 2001:328864 CAPLUS  
 DOCUMENT NUMBER: 134:326171  
 TITLE: Preparation of ester group-containing quaternary ammonium salts and hair preparations containing them  
 INVENTOR(S): Inoue, Katsuhisa; Kawara, Takeshi; Fujii, Akira  
 PATENT ASSIGNEE(S): Kao Corp., Japan  
 SOURCE: Jpn. Kokai Tokkyo Koho, 6 pp.  
 CODEN: JKXXAF  
 DOCUMENT TYPE: Patent  
 LANGUAGE: Japanese  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2001122837	A	20010508	JP 1999-305884	19991027
JP 4183864	B2	20081119		
PRIORITY APPLN. INFO.:			JP 1999-305884	19991027
OTHER SOURCE(S):		MARPAT 134:326171		
IT 52132-48-6P				
RL: BUU (Biological use, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses) (preparation of ester group-containing quaternary ammonium salts from halocarboxylic acid esters and tertiary amines for hair conditioners)				
RN 52132-48-6 CAPLUS				

CN Ethanaminium, 2-(hexadecyloxy)-N,N,N-trimethyl-2-oxo-, chloride (1:1) (CA INDEX NAME)

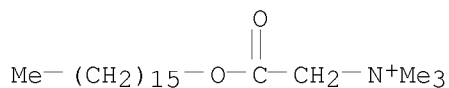


● Cl<sup>-</sup>

L3 ANSWER 506 OF 1480 CAPLUS COPYRIGHT 2011 ACS on STN  
ACCESSION NUMBER: 2001:324416 CAPLUS  
DOCUMENT NUMBER: 134:344331  
TITLE: Ester group-containing quaternary ammonium compound compositions and hair preparations containing the,  
INVENTOR(S): Kawara, Takeshi; Inoue, Katsuhisa; Fujio, Akira  
PATENT ASSIGNEE(S): Kao Corp., Japan  
SOURCE: Jpn. Kokai Tokkyo Koho, 8 pp.  
CODEN: JKXXAF  
DOCUMENT TYPE: Patent  
LANGUAGE: Japanese  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

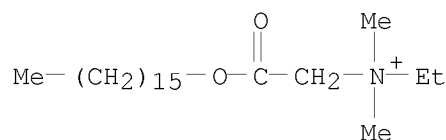
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2001122740	A	20010508	JP 1999-305932	19991027
JP 4623784	B2	20110202		

PRIORITY APPLN. INFO.: JP 1999-305932 19991027  
OTHER SOURCE(S): MARPAT 134:344331  
IT 52132-48-6P 279675-86-4P  
RL: BUU (Biological use, unclassified); PNU (Preparation, unclassified);  
BIOL (Biological study); PREP (Preparation); USES (Uses)  
(preparation of ester group-containing quaternary ammonium compound compns. containing  
lower alcs. and acids as stabilizers and their use for hair conditioners)  
RN 52132-48-6 CAPLUS  
CN Ethanaminium, 2-(hexadecyloxy)-N,N,N-trimethyl-2-oxo-, chloride (1:1) (CA INDEX NAME)



● Cl<sup>-</sup>

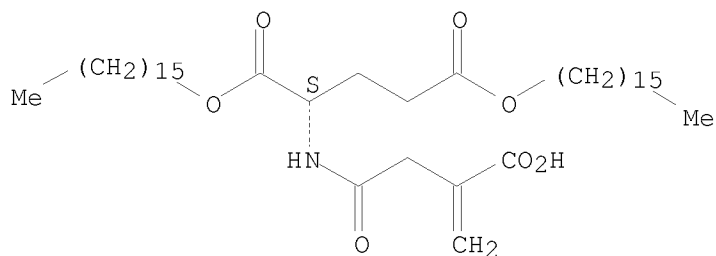
RN 279675-86-4 CAPLUS  
CN Ethanaminium, N-ethyl-2-(hexadecyloxy)-N,N-dimethyl-2-oxo-, chloride (1:1) (CA INDEX NAME)



● Cl<sup>-</sup>

L3 ANSWER 507 OF 1480 CAPLUS COPYRIGHT 2011 ACS on STN  
 ACCESSION NUMBER: 2001:298054 CAPLUS  
 DOCUMENT NUMBER: 135:33635  
 TITLE: Synthesis of amphiphilic L-glutamic acid derivatives  
 AUTHOR(S): Sebyakin, Yu. L.; Polyakova, A. A.  
 CORPORATE SOURCE: Moscow State Academy of Fine Chemical Technology,  
 Moscow, 117571, Russia  
 SOURCE: Russian Journal of Organic Chemistry (Translation of  
 Zhurnal Organicheskoi Khimii) (2000), 36(10),  
 1421-1423  
 CODEN: RJOCEQ; ISSN: 1070-4280  
 PUBLISHER: MAIK Nauka/Interperiodica Publishing  
 DOCUMENT TYPE: Journal  
 LANGUAGE: English  
 OTHER SOURCE(S): CASREACT 135:33635  
 IT 343610-67-3P  
 RL: PRP (Properties); RCT (Reactant); SPN (Synthetic preparation); PREP  
 (Preparation); RACT (Reactant or reagent)  
 (preparation and micelle formation of amphiphilic L-glutamic acid derivs.)  
 RN 343610-67-3 CAPLUS  
 CN L-Glutamic acid, N-(3-carboxy-1-oxo-3-butenyl)-, 1,5-dihexadecyl ester,  
 monosodium salt (9CI) (CA INDEX NAME)

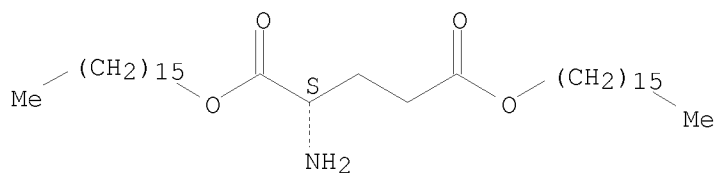
Absolute stereochemistry.



● Na

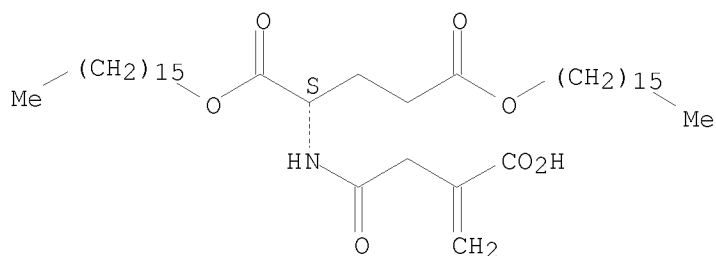
IT 59274-90-7  
 RL: RCT (Reactant); RACT (Reactant or reagent)  
 (preparation of amphiphilic L-glutamic acid derivs.)  
 RN 59274-90-7 CAPLUS  
 CN L-Glutamic acid, 1,5-dihexadecyl ester (CA INDEX NAME)

Absolute stereochemistry.



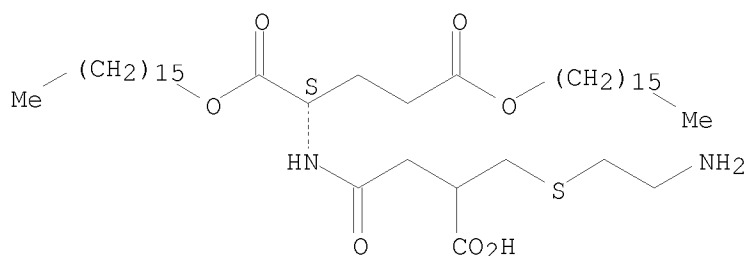
IT 343610-63-9P  
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)  
 (preparation of amphiphilic L-glutamic acid derivs.)  
 RN 343610-63-9 CAPLUS  
 CN L-Glutamic acid, N-(3-carboxy-1-oxo-3-buten-1-yl)-, 1,5-di(hexadecyl ester)  
 (CA INDEX NAME)

Absolute stereochemistry.



IT 343610-64-0P  
 RL: SPN (Synthetic preparation); PREP (Preparation)  
 (preparation of amphiphilic L-glutamic acid derivs.)  
 RN 343610-64-0 CAPLUS  
 CN L-Glutamic acid, N-[4-[(2-aminoethyl)thio]-3-carboxy-1-oxobutyl]-, 1,5-di(hexadecyl ester) (CA INDEX NAME)

Absolute stereochemistry.



REFERENCE COUNT: 13 THERE ARE 13 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 508 OF 1480 CAPLUS COPYRIGHT 2011 ACS on STN  
 ACCESSION NUMBER: 2001:297226 CAPLUS  
 DOCUMENT NUMBER: 135:99479  
 TITLE: SNPP and SMAP as candidate materials for Langmuir-Blodgett films for non-linear optics  
 AUTHOR(S): Munn, R. W.; Szczur, O.  
 CORPORATE SOURCE: Department of Chemistry, UMIST, Manchester, M60 1QD, UK  
 SOURCE: Molecular Crystals and Liquid Crystals Science and

Technology, Section A: Molecular Crystals and Liquid  
Crystals (2001), 355, 305-317

CODEN: MCLCE9; ISSN: 1058-725X

PUBLISHER: Gordon & Breach Science Publishers

DOCUMENT TYPE: Journal

LANGUAGE: English

IT 151862-64-5

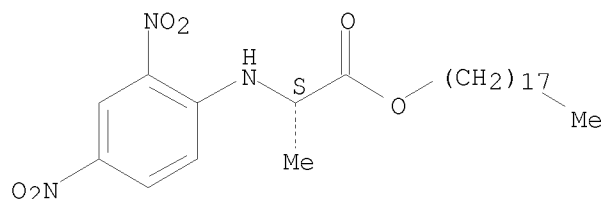
RL: PRP (Properties); TEM (Technical or engineered material use); USES  
(Uses)

(SNPP and SMAP as candidate materials for Langmuir-Blodgett films for  
non-linear optics)

RN 151862-64-5 CAPLUS

CN L-Alanine, N-(2,4-dinitrophenyl)-, octadecyl ester (CA INDEX NAME)

Absolute stereochemistry.



OS.CITING REF COUNT: 5 THERE ARE 5 CAPLUS RECORDS THAT CITE THIS RECORD  
(5 CITINGS)

REFERENCE COUNT: 11 THERE ARE 11 CITED REFERENCES AVAILABLE FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 509 OF 1480 CAPLUS COPYRIGHT 2011 ACS on STN

ACCESSION NUMBER: 2001:284435 CAPLUS

DOCUMENT NUMBER: 135:82279

TITLE: Molecular modulation of surfactant aggregation in  
water: effect of the incorporation of multiple  
headgroups on micellar properties

AUTHOR(S): Halder, Jayanta; Aswal, Vinod K.; Goyal, Prem S.;  
Bhattacharya, Santanu

CORPORATE SOURCE: Department of Organic Chemistry, Indian Institute of  
Science, Bangalore, 560012, India

SOURCE: Angewandte Chemie, International Edition (2001),  
40(7), 1228-1232

CODEN: ACIEF5; ISSN: 1433-7851

PUBLISHER: Wiley-VCH Verlag GmbH

DOCUMENT TYPE: Journal

LANGUAGE: English

IT 347424-03-7P 347424-04-8P 347424-05-9P

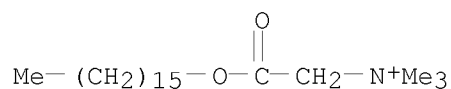
RL: PEP (Physical, engineering or chemical process); PRP (Properties); SPN  
(Synthetic preparation); PREP (Preparation); PROC (Process)

(synthesis of surfactants and mol. modulation of surfactant aggregation  
in water)

RN 347424-03-7 CAPLUS

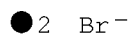
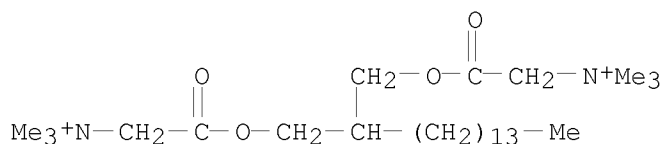
CN Ethanaminium, 2-(hexadecyloxy)-N,N,N-trimethyl-2-oxo-, bromide (1:1) (CA  
INDEX NAME)





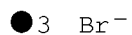
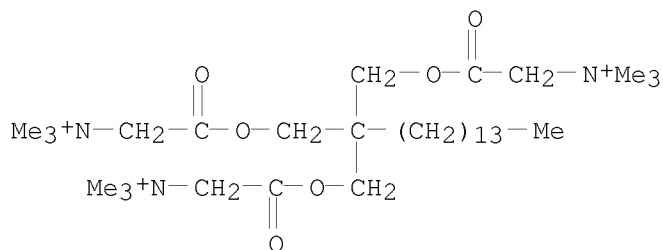
RN 347424-04-8 CAPLUS

CN Ethanaminium, 2,2'-[(2-tetradecyl-1,3-propanediyl)bis(oxy)]bis[N,N,N-trimethyl-2-oxo-, bromide (1:2) (CA INDEX NAME)



RN 347424-05-9 CAPLUS

CN Ethanaminium, 2,2'-[[2-tetradecyl-2-[[[(trimethylammonio)acetyl]oxy]methyl]-1,3-propanediyl]bis(oxy)]bis[N,N,N-trimethyl-2-oxo-, bromide (1:3) (CA INDEX NAME)



OS.CITING REF COUNT: 41 THERE ARE 41 CAPLUS RECORDS THAT CITE THIS RECORD (42 CITINGS)

REFERENCE COUNT: 24 THERE ARE 24 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 510 OF 1480 CAPLUS COPYRIGHT 2011 ACS on STN

ACCESSION NUMBER: 2001:266071 CAPLUS

DOCUMENT NUMBER: 135:101640

TITLE: Analysis of alcohols, as dimethylglycine esters, by electrospray ionization tandem mass spectrometry

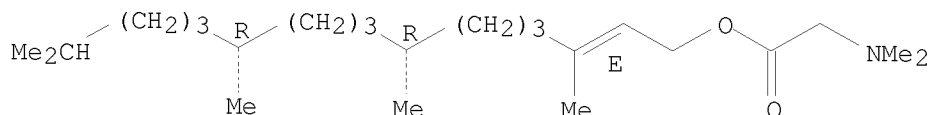
AUTHOR(S): Johnson, David W.

CORPORATE SOURCE: Department of Chemical Pathology, Women's and Children's Hospital, North Adelaide, 5006, Australia

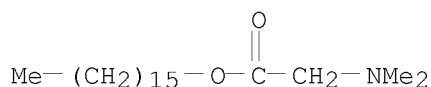
SOURCE: Journal of Mass Spectrometry (2001), 36(3), 277-283

CODEN: JMSPEJ; ISSN: 1076-5174  
 PUBLISHER: John Wiley & Sons Ltd.  
 DOCUMENT TYPE: Journal  
 LANGUAGE: English  
 IT 127951-64-8 247231-52-3 348144-23-0  
 348144-24-1  
 RL: ANT (Analyte); ANST (Analytical study)  
 (anal. of alcs., as dimethylglycine esters, by electrospray ionization  
 tandem mass spectrometry)  
 RN 127951-64-8 CAPLUS  
 CN Glycine, N,N-dimethyl-, (2E,7R,11R)-3,7,11,15-tetramethyl-2-hexadecen-1-yl  
 ester (CA INDEX NAME)

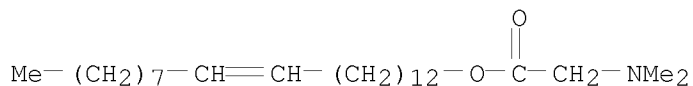
Absolute stereochemistry.  
 Double bond geometry as shown.



RN 247231-52-3 CAPLUS  
 CN Glycine, N,N-dimethyl-, hexadecyl ester (CA INDEX NAME)

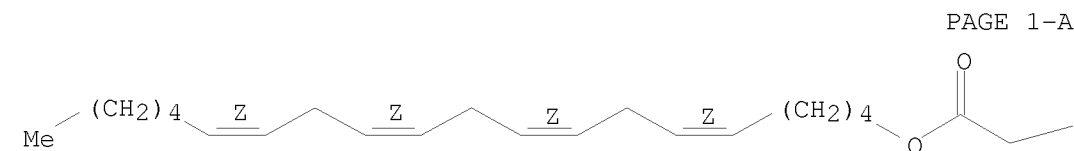


RN 348144-23-0 CAPLUS  
 CN Glycine, N,N-dimethyl-, 13-docosen-1-yl ester (CA INDEX NAME)



RN 348144-24-1 CAPLUS  
 CN Glycine, N,N-dimethyl-, (5Z,8Z,11Z,14Z)-5,8,11,14-eicosatetraenyl ester  
 (9CI) (CA INDEX NAME)

Double bond geometry as shown.



PAGE 1-A

PAGE 1-B

—NMe<sub>2</sub>

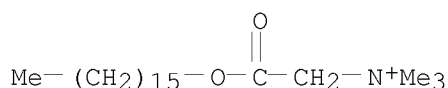
OS.CITING REF COUNT: 10 THERE ARE 10 CAPLUS RECORDS THAT CITE THIS

RECORD (10 CITINGS)  
 REFERENCE COUNT: 29 THERE ARE 29 CITED REFERENCES AVAILABLE FOR THIS  
 RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

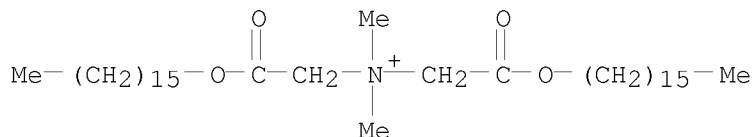
L3 ANSWER 511 OF 1480 CAPLUS COPYRIGHT 2011 ACS on STN  
 ACCESSION NUMBER: 2001:254823 CAPLUS  
 DOCUMENT NUMBER: 134:285482  
 TITLE: Cosmetics containing quaternary ammonium salts having  
 ester or amide group and tertiary amines having ester  
 or amide group  
 INVENTOR(S): Kitano, Yoshihisa; Fujii, Akira  
 PATENT ASSIGNEE(S): Kao Corp., Japan  
 SOURCE: Jpn. Kokai Tokkyo Koho, 8 pp.  
 CODEN: JKXXAF  
 DOCUMENT TYPE: Patent  
 LANGUAGE: Japanese  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2001097840	A	20010410	JP 1999-280216	19990930
PRIORITY APPLN. INFO.:			JP 1999-280216	19990930

OTHER SOURCE(S): MARPAT 134:285482  
 IT 52132-48-6 157716-51-3 247231-52-3  
 332906-42-0  
 RL: BUU (Biological use, unclassified); BIOL (Biological study); USES  
 (Uses)  
 (cosmetics containing biodegradable quaternary ammonium salts having ester  
 or amide group and tertiary amines having ester or amide group)  
 RN 52132-48-6 CAPLUS  
 CN Ethanaminium, 2-(hexadecyloxy)-N,N,N-trimethyl-2-oxo-, chloride (1:1) (CA  
 INDEX NAME)

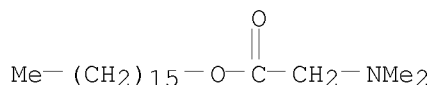


RN 157716-51-3 CAPLUS  
 CN Methanaminium, 1-[(hexadecyloxy)carbonyl]-N-[2-(hexadecyloxy)-2-oxoethyl]-  
 N,N-dimethyl-, chloride (1:1) (CA INDEX NAME)



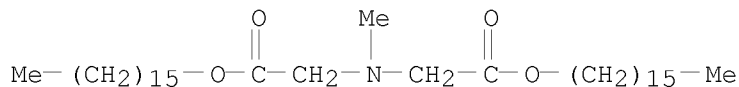
RN 247231-52-3 CAPLUS

CN Glycine, N,N-dimethyl-, hexadecyl ester (CA INDEX NAME)



RN 332906-42-0 CAPLUS

CN Glycine, N-[2-(hexadecyloxy)-2-oxoethyl]-N-methyl-, hexadecyl ester, hydrochloride (9CI) (CA INDEX NAME)



● HCl

L3 ANSWER 512 OF 1480 CAPLUS COPYRIGHT 2011 ACS on STN

ACCESSION NUMBER: 2001:254817 CAPLUS

DOCUMENT NUMBER: 134:285467

TITLE: Hair conditioners containing quaternary ammonium salts having ester group and tertiary amines having ester group

INVENTOR(S): Fukuhara, Kazuhisa

PATENT ASSIGNEE(S): Kao Corp., Japan

SOURCE: Jpn. Kokai Tokkyo Koho, 6 pp.

CODEN: JKXXAF

DOCUMENT TYPE: Patent

LANGUAGE: Japanese

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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JP 2001097829	A	20010410	JP 1999-280217	19990930
PRIORITY APPLN. INFO.:			JP 1999-280217	19990930

OTHER SOURCE(S): MARPAT 134:285467

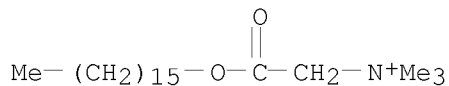
IT 52132-48-6 75163-83-6 247231-50-1

RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)

(hair conditioners containing quaternary ammonium salts having ester group and tertiary amines having ester group)

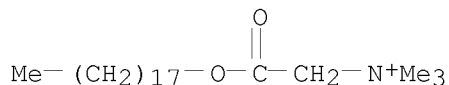
RN 52132-48-6 CAPLUS

CN Ethanaminium, 2-(hexadecyloxy)-N,N,N-trimethyl-2-oxo-, chloride (1:1) (CA INDEX NAME)



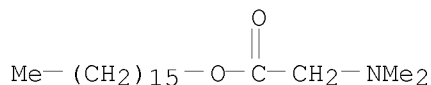
● Cl<sup>-</sup>

RN 75163-83-6 CAPLUS  
CN Ethanaminium, N,N,N-trimethyl-2-(octadecyloxy)-2-oxo-, chloride (1:1) (CA INDEX NAME)



● Cl<sup>-</sup>

RN 247231-50-1 CAPLUS  
CN Glycine, N,N-dimethyl-, hexadecyl ester, hydrochloride (9CI) (CA INDEX NAME)



● HCl

L3 ANSWER 513 OF 1480 CAPLUS COPYRIGHT 2011 ACS on STN  
ACCESSION NUMBER: 2001:254815 CAPLUS  
DOCUMENT NUMBER: 134:285465  
TITLE: hair conditioners containing quaternary ammonium salts having ester group and amino-modified silicones  
INVENTOR(S): Fukuhara, Kazuhisa  
PATENT ASSIGNEE(S): Kao Corp., Japan  
SOURCE: Jpn. Kokai Tokkyo Koho, 7 pp.  
CODEN: JKXXAF  
DOCUMENT TYPE: Patent  
LANGUAGE: Japanese  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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JP 2001097827	A	20010410	JP 1999-280219	19990930
PRIORITY APPLN. INFO.:			JP 1999-280219	19990930

OTHER SOURCE(S): MARPAT 134:285465

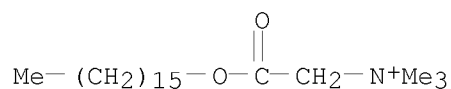
IT 52132-48-6 75163-83-6

RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)

(hair conditioners containing quaternary ammonium salts having ester group and amino-modified silicones)

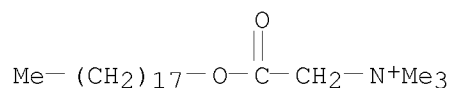
RN 52132-48-6 CAPLUS

CN Ethanaminium, 2-(hexadecyloxy)-N,N,N-trimethyl-2-oxo-, chloride (1:1) (CA INDEX NAME)



● Cl<sup>-</sup>

RN 75163-83-6 CAPLUS  
 CN Ethanaminium, N,N,N-trimethyl-2-(octadecyloxy)-2-oxo-, chloride (1:1) (CA INDEX NAME)



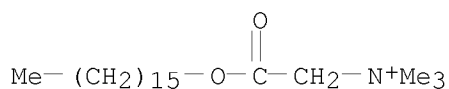
● Cl<sup>-</sup>

L3 ANSWER 514 OF 1480 CAPLUS COPYRIGHT 2011 ACS on STN  
 ACCESSION NUMBER: 2001:252917 CAPLUS  
 DOCUMENT NUMBER: 134:285462  
 TITLE: Hair conditioners containing quaternary ammonium salts having ester group and dimethylpolysiloxane  
 INVENTOR(S): Fukuhara, Kazuhisa  
 PATENT ASSIGNEE(S): Kao Corp., Japan  
 SOURCE: Jpn. Kokai Tokkyo Koho, 6 pp.  
 CODEN: JKXXAF  
 DOCUMENT TYPE: Patent  
 LANGUAGE: Japanese  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2001097826	A	20010410	JP 1999-280218	19990930
PRIORITY APPLN. INFO.:			JP 1999-280218	19990930

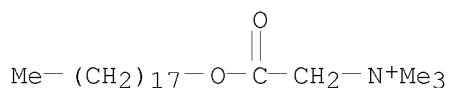
OTHER SOURCE(S): MARPAT 134:285462  
 IT 52132-48-6 75163-83-6  
 RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)  
 (hair conditioners containing quaternary ammonium salts having ester group and dimethylpolysiloxane)

RN 52132-48-6 CAPLUS  
 CN Ethanaminium, 2-(hexadecyloxy)-N,N,N-trimethyl-2-oxo-, chloride (1:1) (CA INDEX NAME)



● Cl<sup>-</sup>

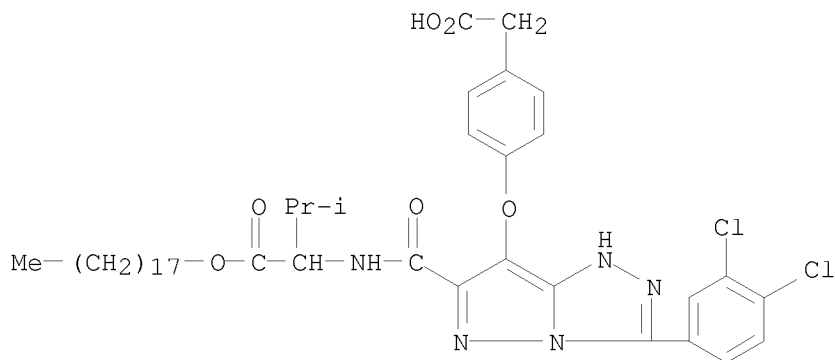
RN 75163-83-6 CAPLUS  
 CN Ethanaminium, N,N,N-trimethyl-2-(octadecyloxy)-2-oxo-, chloride (1:1) (CA INDEX NAME)



● Cl<sup>-</sup>

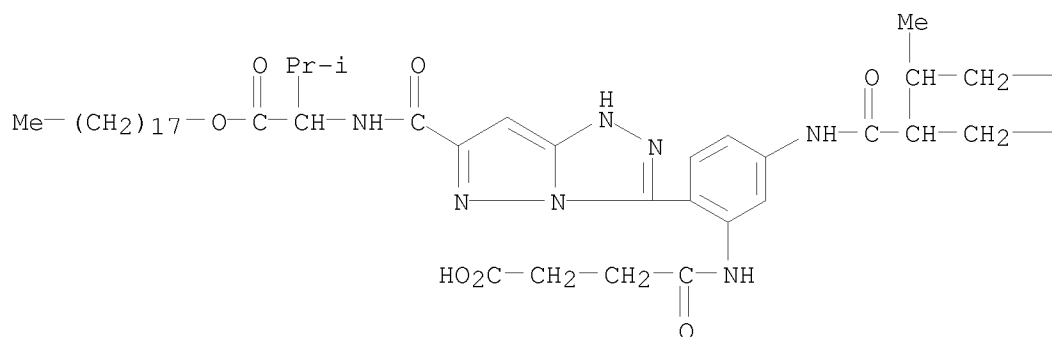
L3 ANSWER 515 OF 1480 CAPLUS COPYRIGHT 2011 ACS on STN  
 ACCESSION NUMBER: 2001:225502 CAPLUS  
 DOCUMENT NUMBER: 134:273482  
 TITLE: Pyrazoloazole type cyan coupler and its synthesis for silver halide color photographic material with excellent color reproduction  
 INVENTOR(S): Okubo, Kimihiko; Ikesu, Satoru; Chen, Tsu Liu  
 PATENT ASSIGNEE(S): Konica Co., Japan  
 SOURCE: Jpn. Kokai Tokkyo Koho, 43 pp.  
 CODEN: JKXXAF  
 DOCUMENT TYPE: Patent  
 LANGUAGE: Japanese  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2001083670	A	20010330	JP 1999-260221	19990914
PRIORITY APPLN. INFO.:			JP 1999-260221	19990914
OTHER SOURCE(S): MARPAT 134:273482				
IT 331861-66-6	331861-68-8	331861-92-8		
RL: DEV (Device component use); USES (Uses)				
(pyrazoloazole type cyan coupler and its synthesis for Ag halide color photog. paper with excellent color reproduction)				
RN 331861-66-6	CAPLUS			
CN Benzeneacetic acid, 4-[[3-(3,4-dichlorophenyl)-6-[[[2-methyl-1-[(octadecyloxy)carbonyl]propyl]amino]carbonyl]-1H-pyrazolo[5,1-c]-1,2,4-triazol-7-yl]oxy]- (CA INDEX NAME)				



RN 331861-68-8 CAPLUS  
 CN Butanoic acid, 2-[[[3-[2-[(3-carboxy-1-oxopropyl)amino]-4-[[5,7,7-trimethyl-1-oxo-2-(1,3,3-trimethylbutyl)octyl]amino]phenyl]-1H-pyrazolo[5,1-c]-1,2,4-triazol-6-yl]carbonyl]amino]-3-methyl-, 1-octadecyl ester (9CI) (CA INDEX NAME)

PAGE 1-A



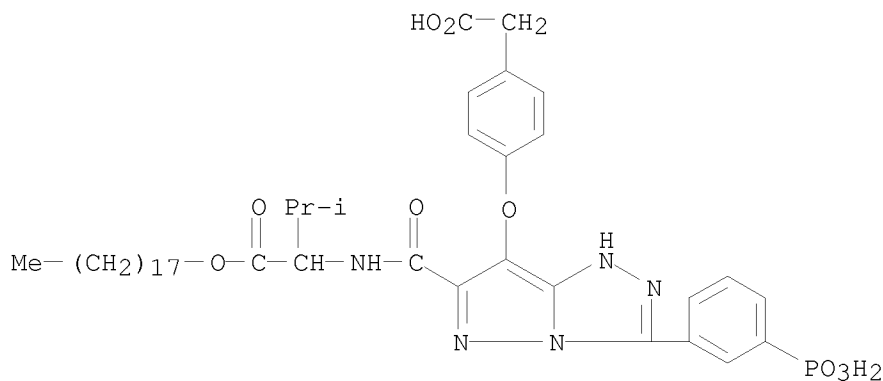
PAGE 1-B

— CMe<sub>3</sub>

— CH<sub>2</sub>—CH—CH<sub>2</sub>—CMe<sub>3</sub>  
           |  
           Me

RN 331861-92-8 CAPLUS  
 CN Benzeneacetic acid, 4-[[[6-[[[2-methyl-1-[(octadecyloxy)carbonyl]propyl]amino]carbonyl]-3-(3-phosphonophenyl)-1H-pyrazolo[5,1-c]-1,2,4-triazol-7-yl]oxy]-, sodium salt (1:2) (CA INDEX NAME)

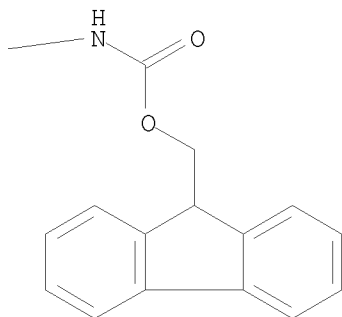
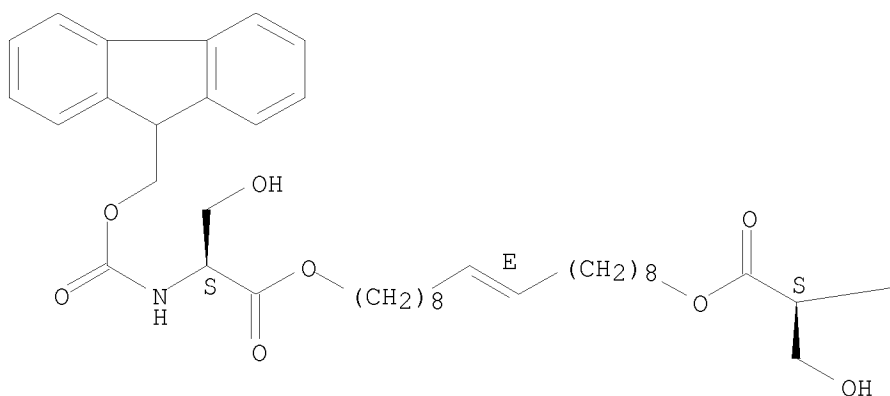




●2 Na

L3 ANSWER 516 OF 1480 CAPLUS COPYRIGHT 2011 ACS on STN  
 ACCESSION NUMBER: 2001:192971 CAPLUS  
 DOCUMENT NUMBER: 135:5238  
 TITLE: Exploiting Site-Site Interactions on Solid Support to Generate Dimeric Molecules  
 AUTHOR(S): Blackwell, Helen E.; Clemons, Paul A.; Schreiber, Stuart L.  
 CORPORATE SOURCE: Howard Hughes Medical Institute Department of Chemistry and Chemical Biology, Harvard Institute of Chemistry and Cell Biology (ICCB) Harvard University, Cambridge, MA, 02138, USA  
 SOURCE: Organic Letters (2001), 3(8), 1185-1188  
 CODEN: ORLEF7; ISSN: 1523-7060  
 PUBLISHER: American Chemical Society  
 DOCUMENT TYPE: Journal  
 LANGUAGE: English  
 OTHER SOURCE(S): CASREACT 135:5238  
 IT 341036-70-2P  
 RL: SPN (Synthetic preparation); PREP (Preparation)  
 (site-site interactions on solid support to generate dimeric mols.)  
 RN 341036-70-2 CAPLUS  
 CN 5,24-Dioxa-2,27-diazaoctacos-14-enedioic acid,  
 3,26-bis(hydroxymethyl)-4,25-dioxo-, bis(9H-fluoren-9-ylmethyl) ester,  
 (3S,26S)- (9CI) (CA INDEX NAME)

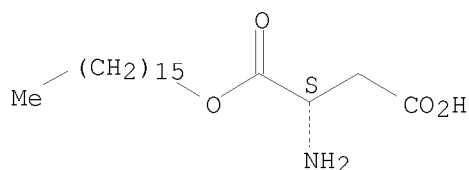
Absolute stereochemistry.  
 Double bond geometry as shown.



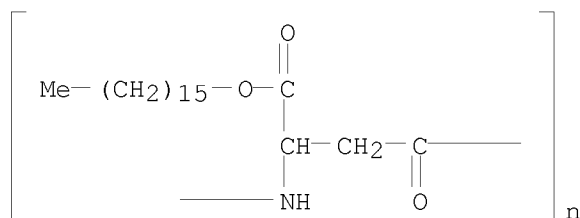
OS.CITING REF COUNT:	43	THERE ARE 43 CAPLUS RECORDS THAT CITE THIS RECORD (43 CITINGS)
REFERENCE COUNT:	45	THERE ARE 45 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT
L3 ANSWER 517 OF 1480	CAPLUS COPYRIGHT 2011 ACS on STN	
ACCESSION NUMBER:	2001:184204 CAPLUS	
DOCUMENT NUMBER:	134:367494	
TITLE:	On the phase B of comb-like poly( $\alpha$ -alkyl- $\beta$ -L-aspartate)s: a simulation of the solubility of small penetrants	
AUTHOR(S):	Zanuy, David; Aleman, Carlos; Lopez-Carrasquero, Francisco; Baez, Maria Eugenia; Garcia-Alvarez, Montserrat; Laso, Manuel; Munoz-Guerra, Sebastian	
CORPORATE SOURCE:	Departament d'Enginyeria Quimica, E.T.S. d'Enginyers Industrials de Barcelona, Universitat Politecnica de Catalunya, Barcelona, E-08028, Spain	
SOURCE:	Macromolecular Chemistry and Physics (2001), 202(4),	

564-573  
 CODEN: MCHPES; ISSN: 1022-1352  
 PUBLISHER: Wiley-VCH Verlag GmbH  
 DOCUMENT TYPE: Journal  
 LANGUAGE: English  
 IT 340011-58-7 340011-59-8  
 RL: PRP (Properties)  
 (simulation of solubility of small penetrants in phase B of comb-like  
 poly( $\alpha$ -alkyl  $\beta$ -L-aspartates))  
 RN 340011-58-7 CAPLUS  
 CN L-Aspartic acid, 1-hexadecyl ester, homopolymer (9CI) (CA INDEX NAME)  
 CM 1  
 CRN 107814-57-3  
 CMF C20 H39 N O4

Absolute stereochemistry.



RN 340011-59-8 CAPLUS  
 CN Poly[imino[(1S)-1-[(hexadecyloxy)carbonyl]-3-oxo-1,3-propanediyl]] (CA INDEX NAME)



OS.CITING REF COUNT: 14 THERE ARE 14 CAPLUS RECORDS THAT CITE THIS RECORD (14 CITINGS)  
 REFERENCE COUNT: 24 THERE ARE 24 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 518 OF 1480 CAPLUS COPYRIGHT 2011 ACS on STN  
 ACCESSION NUMBER: 2001:180939 CAPLUS  
 DOCUMENT NUMBER: 134:229655  
 TITLE: Silver halide color photosensitive material containing pyrazolotriazole derivative cyan coupler  
 INVENTOR(S): Oshiyama, Tomohiro; Ikesu, Satoru; Chen, Zu Liu; Ishii, Fumio; Daiba, Shinichi  
 PATENT ASSIGNEE(S): Konica Co., Japan  
 SOURCE: Jpn. Kokai Tokkyo Koho, 29 pp.  
 CODEN: JKXXAF  
 DOCUMENT TYPE: Patent  
 LANGUAGE: Japanese  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2001066743	A	20010316	JP 1999-241443	19990827

PRIORITY APPLN. INFO.: JP 1999-241443 19990827

OTHER SOURCE(S): MARPAT 134:229655

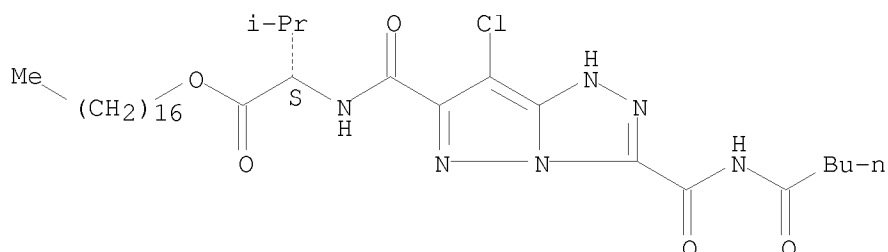
IT 329697-22-5

RL: DEV (Device component use); USES (Uses)  
 (photog. film containing pyrazolotriazole derivative cyan coupler forming intramol. hydrogen bond)

RN 329697-22-5 CAPLUS

CN L-Valine, N-[[7-chloro-3-[(1-oxopentyl)amino]carbonyl]-1H-pyrazolo[5,1-c]-1,2,4-triazol-6-yl]carbonyl]-, heptadecyl ester (CA INDEX NAME)

Absolute stereochemistry.



L3 ANSWER 519 OF 1480 CAPLUS COPYRIGHT 2011 ACS on STN

ACCESSION NUMBER: 2001:169486 CAPLUS

DOCUMENT NUMBER: 135:2067

TITLE: Preparation of detergent-lipase complexes utilizing water-soluble amphiphiles in single aqueous phase and catalysis of transesterifications in homogeneous organic solvents

AUTHOR(S): Mine, Yurie; Fukunaga, Kimitoshi; Maruoka, Nobuaki; Nakao, Katsumi; Sugimura, Yoshiaki

CORPORATE SOURCE: Department of Applied Chemistry and Chemical Engineering, Faculty of Engineering, Yamaguchi University, Ube, 755-8611, Japan

SOURCE: Journal of Bioscience and Bioengineering (2000), 90(6), 631-636  
 CODEN: JBBIF6; ISSN: 1389-1723

PUBLISHER: Society for Bioscience and Bioengineering, Japan

DOCUMENT TYPE: Journal

LANGUAGE: English

IT 194083-70-0 342035-71-6 342035-72-7  
 342035-73-8 342035-74-9

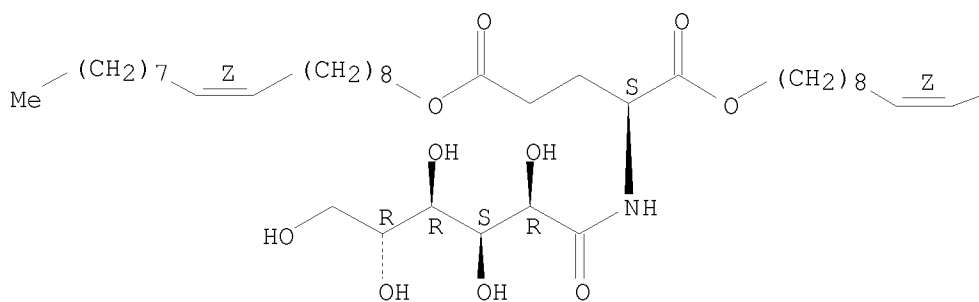
RL: BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses)  
 (preparation of detergent-lipase complexes utilizing water-soluble amphiphiles in single aqueous phase and catalysis of transesterifications in homogeneous organic solvents)

RN 194083-70-0 CAPLUS

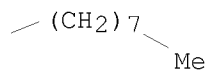
CN L-Glutamic acid, N-D-gluconoyl-, di-(9Z)-9-octadecenyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.  
 Double bond geometry as shown.

PAGE 1-A



PAGE 1-B

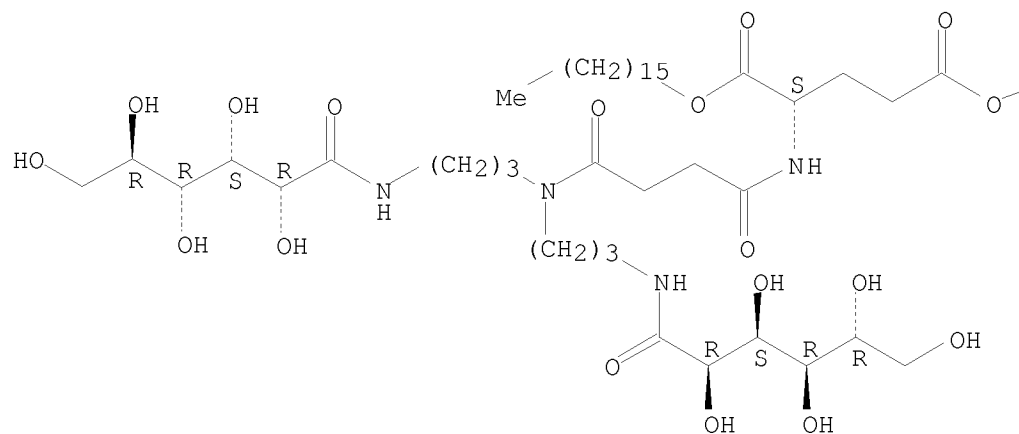


RN 342035-71-6 CAPLUS

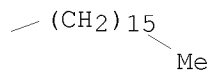
CN L-Glutamic acid, N-[4-[bis[3-(D-gluconoylamino)propyl]amino]-1,4-dioxobutyl]-, dihexadecyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.

PAGE 1-A



PAGE 1-B

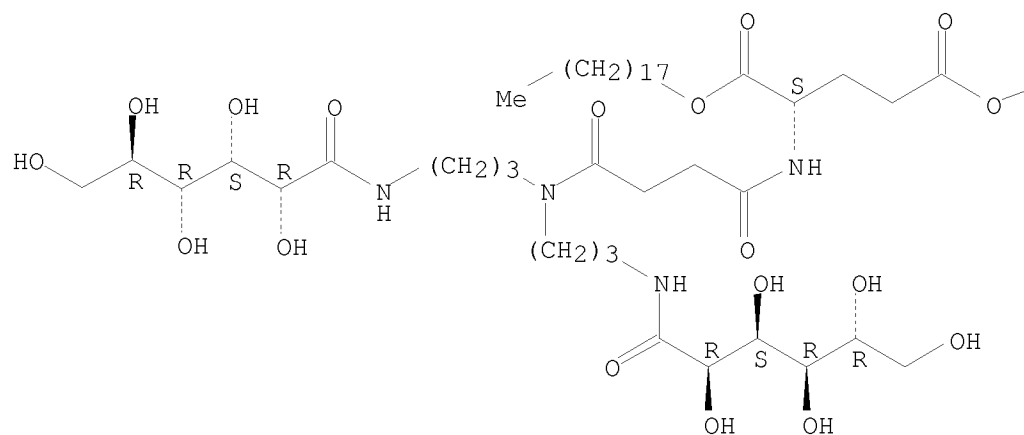


RN 342035-72-7 CAPLUS

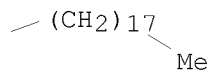
CN L-Glutamic acid, N-[4-[bis[3-(D-gluconoylamino)propyl]amino]-1,4-dioxobutyl]-, dioctadecyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.

PAGE 1-A



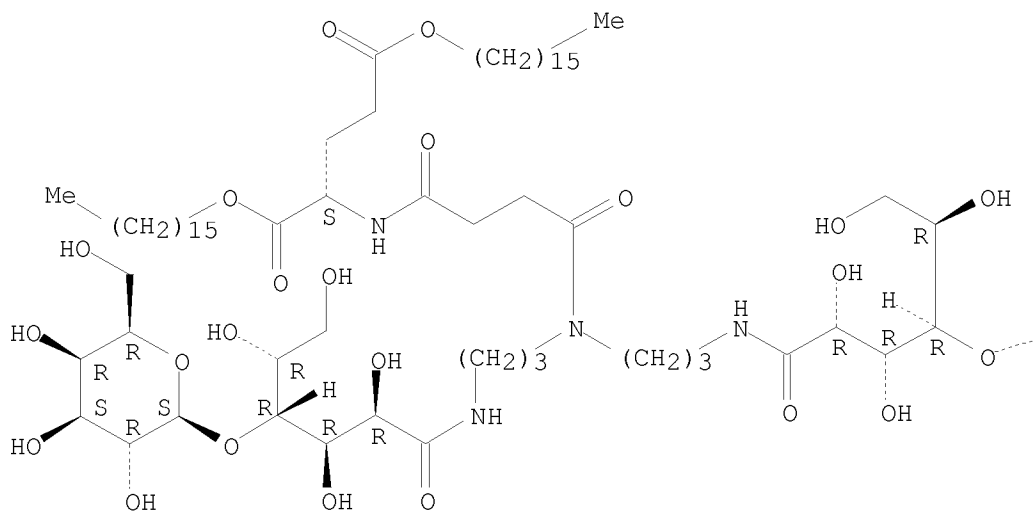
PAGE 1-B

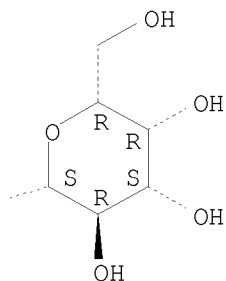


RN 342035-73-8 CAPLUS  
 CN L-Glutamic acid, N-[4-[bis[3-[(4-O-β-D-galactopyranosyl-D-gluconoyl)amino]propyl]amino]-1,4-dioxobutyl]-, dihexadecyl ester (9CI)  
 (CA INDEX NAME)

Absolute stereochemistry.

PAGE 1-A

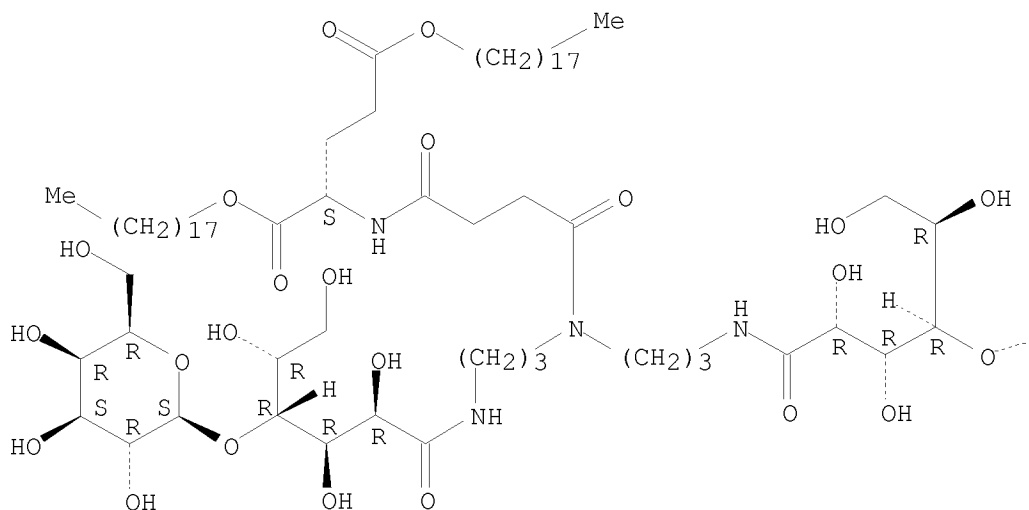


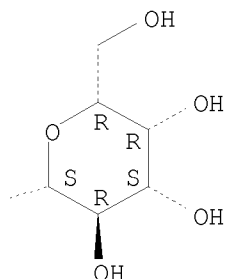


RN 342035-74-9 CAPLUS

CN L-Glutamic acid, N-[4-[bis[3-[(4-O-β-D-galactopyranosyl-D-gluconoyl)amino]propyl]amino]-1,4-dioxobutyl]-, dioctadecyl ester (9CI)  
(CA INDEX NAME)

Absolute stereochemistry.





OS.CITING REF COUNT: 14 THERE ARE 14 CAPLUS RECORDS THAT CITE THIS RECORD (14 CITINGS)  
 REFERENCE COUNT: 31 THERE ARE 31 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 520 OF 1480 CAPLUS COPYRIGHT 2011 ACS on STN  
 ACCESSION NUMBER: 2001:168055 CAPLUS  
 DOCUMENT NUMBER: 134:208364  
 TITLE: Amphipathic compound having dendritic structure  
 INVENTOR(S): Tsuchida, Eishun; Takeoka, Shinji; Sou, Keitaro; Ohkawa, Haruki  
 PATENT ASSIGNEE(S): Japan Science and Technology Corporation, Japan  
 SOURCE: PCT Int. Appl., 60 pp.  
 CODEN: PIXXD2  
 DOCUMENT TYPE: Patent  
 LANGUAGE: Japanese  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

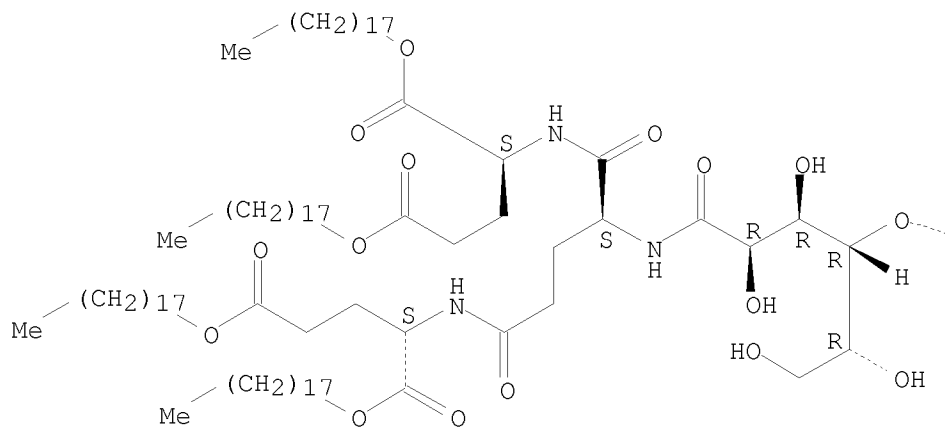
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001016211	A1	20010308	WO 2000-JP5702	20000824
W: US				
RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
JP 2001064383	A	20010313	JP 1999-245731	19990831
JP 3181276	B2	20010703		
EP 1219659	A1	20020703	EP 2000-954985	20000824
EP 1219659	B1	20100728		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI, CY				
US 20020120096	A1	20020829	US 2002-83555	20020227
US 6933352	B2	20050823		
PRIORITY APPLN. INFO.:			JP 1999-245731	A 19990831
			WO 2000-JP5702	W 20000824
ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT				
IT 329008-60-8P	329008-61-9DP, compound with dextran or oligopeptides			
	RL: IMF (Industrial manufacture); PREP (Preparation) (amphipathic compound having dendritic structure)			
RN 329008-60-8	CAPLUS			
CN	L-Glutamic acid, N-(O- $\alpha$ -D-glucopyranosyl-(1 $\rightarrow$ 4)-O- $\alpha$ -D-glucopyranosyl-(1 $\rightarrow$ 4)-O-			



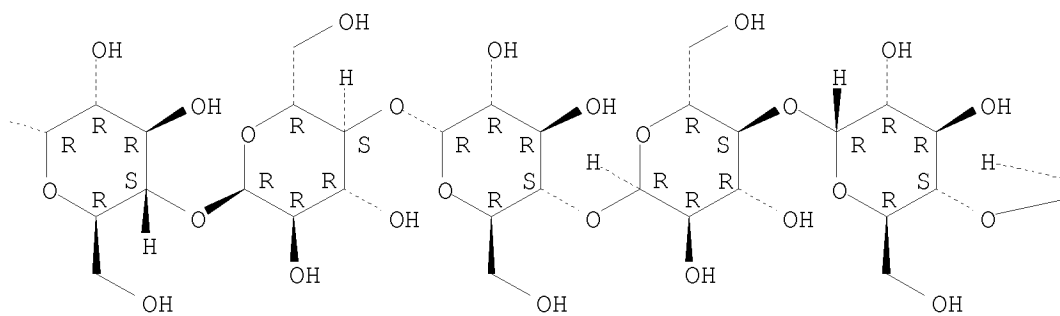
$\alpha$ -D-glucopyranosyl-(1 $\rightarrow$ 4)-O- $\alpha$ -D-glucopyranosyl-  
 (1 $\rightarrow$ 4)-O- $\alpha$ -D-glucopyranosyl-(1 $\rightarrow$ 4)-D-gluconoyl)-L-  
 glutamoylbis-, tetraoctadecyl ester (9CI) (CA INDEX NAME)

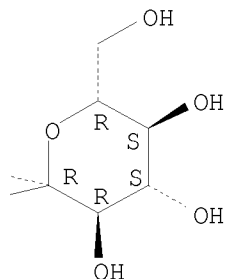
Absolute stereochemistry.

PAGE 1-A



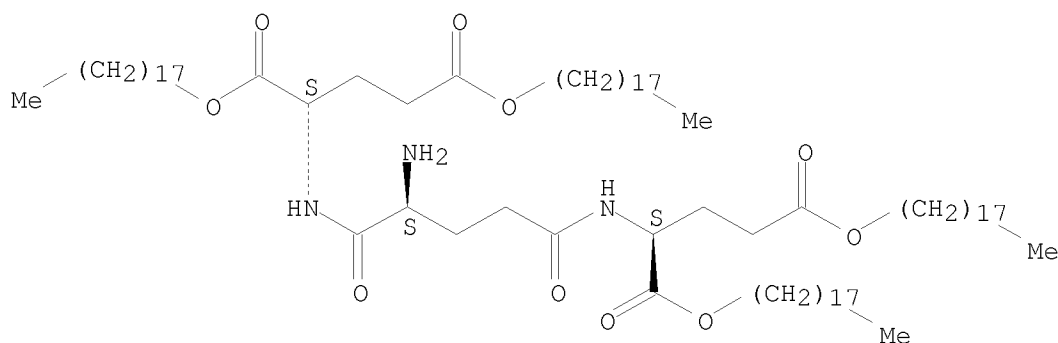
PAGE 1-B





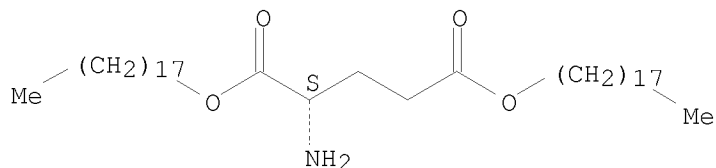
RN 329008-61-9 CAPLUS  
 CN L-Glutamic acid, L-glutamoylbis-, tetraoctadecyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



IT 59274-89-4P  
 RL: IMF (Industrial manufacture); RCT (Reactant); PREP (Preparation); RACT (Reactant or reagent)  
 (intermediate; amphipathic compound having dendritic structure)  
 RN 59274-89-4 CAPLUS  
 CN L-Glutamic acid, 1,5-di-octadecyl ester (CA INDEX NAME)

Absolute stereochemistry.



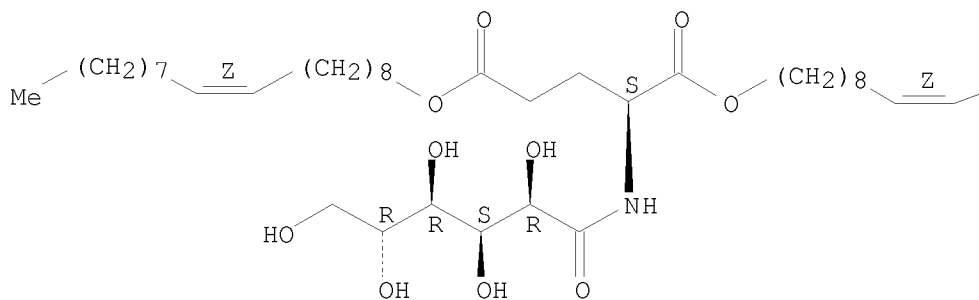
OS.CITING REF COUNT: 3 THERE ARE 3 CAPLUS RECORDS THAT CITE THIS RECORD (10 CITINGS)  
 REFERENCE COUNT: 25 THERE ARE 25 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 521 OF 1480 CAPLUS COPYRIGHT 2011 ACS on STN  
 ACCESSION NUMBER: 2001:163302 CAPLUS

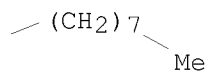
DOCUMENT NUMBER: 134:279609  
 TITLE: Preparation and catalytic performance of surfactant-manganese peroxidase-MnII ternary complex in organic media  
 AUTHOR(S): Okazaki, S.-y.; Goto, M.; Furusaki, S.; Wariishi, H.; Tanaka, H.  
 CORPORATE SOURCE: Faculty of Engineering, Kyushu University, Fukuoka, 812-8581, Japan  
 SOURCE: Enzyme and Microbial Technology (2001), 28(4-5), 329-332  
 CODEN: EMTED2; ISSN: 0141-0229  
 PUBLISHER: Elsevier Science Ireland Ltd.  
 DOCUMENT TYPE: Journal  
 LANGUAGE: English  
 IT 194083-70-0  
 RL: BUU (Biological use, unclassified); PEP (Physical, engineering or chemical process); BIOL (Biological study); PROC (Process); USES (Uses) (preparation and catalytic performance of surfactant-manganese peroxidase-MnII ternary complex in organic media)  
 RN 194083-70-0 CAPLUS  
 CN L-Glutamic acid, N-D-gluconoyl-, di-(9Z)-9-octadecenyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.  
 Double bond geometry as shown.

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OS.CITING REF COUNT: 8 THERE ARE 8 CAPLUS RECORDS THAT CITE THIS RECORD (8 CITINGS)  
 REFERENCE COUNT: 25 THERE ARE 25 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT  
 L3 ANSWER 522 OF 1480 CAPLUS COPYRIGHT 2011 ACS on STN  
 ACCESSION NUMBER: 2001:161431 CAPLUS  
 DOCUMENT NUMBER: 134:214876  
 TITLE: Color photographic element containing fourth imaging layer for improving color gamut  
 INVENTOR(S): Edwards, James L.; Begley, William J.  
 PATENT ASSIGNEE(S): Eastman Kodak Company, USA  
 SOURCE: U.S., 35 pp.

CODEN: USXXAM  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 6197489	B1	20010306	US 1999-473923	19991228
IN 2000MU01034	A	20050708	IN 2000-MU1034	20001117
EP 1116995	A2	20010718	EP 2000-204571	20001218
EP 1116995	A3	20020327		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
JP 2001194755	A	20010719	JP 2000-398606	20001227
CN 1308253	A	20010815	CN 2000-138094	20001228
PRIORITY APPLN. INFO.:			US 1999-473923	A 19991228

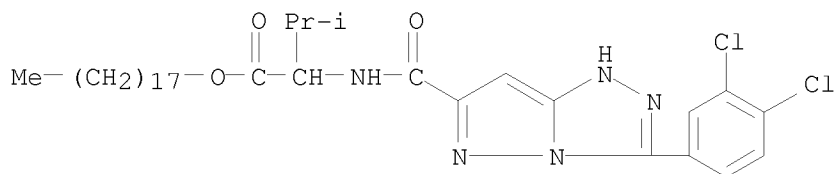
ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT

IT 209536-40-3

RL: DEV (Device component use); PEP (Physical, engineering or chemical process); PRP (Properties); PROC (Process); USES (Uses)  
(blue dye-forming coupler for color photog. element comprising four imaging layers to improve color gamut)

RN 209536-40-3 CAPLUS

CN Valine, N-[[3-(3,4-dichlorophenyl)-1H-pyrazolo[5,1-c]-1,2,4-triazol-6-yl]carbonyl]-, octadecyl ester (CA INDEX NAME)



OS.CITING REF COUNT: 1 THERE ARE 1 CAPLUS RECORDS THAT CITE THIS RECORD (1 CITINGS)

REFERENCE COUNT: 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 523 OF 1480 CAPLUS COPYRIGHT 2011 ACS on STN

ACCESSION NUMBER: 2001:158453 CAPLUS

DOCUMENT NUMBER: 134:311419

TITLE: Site-specific structural transformation of the novel antifungal cyclic depsipeptide FR901469: synthesis and biological activity of FR203903

AUTHOR(S): Tanaka, Akira; Barrett, David; Fujie, Akihiko; Shigematsu, Nobuharu; Hashimoto, Michizane; Hashimoto, Seiji; Ikeda, Fumiaki

CORPORATE SOURCE: Medicinal Chemistry Research Laboratories, Fujisawa Pharmaceutical Co., Ltd., Osaka, 532-8514, Japan

SOURCE: Journal of Antibiotics (2001), 54(2), 193-197

CODEN: JANTAJ; ISSN: 0021-8820

PUBLISHER: Japan Antibiotics Research Association

DOCUMENT TYPE: Journal

LANGUAGE: English

OTHER SOURCE(S): CASREACT 134:311419

IT 289615-42-5P 289615-45-8P 335263-32-6P  
335263-34-8P

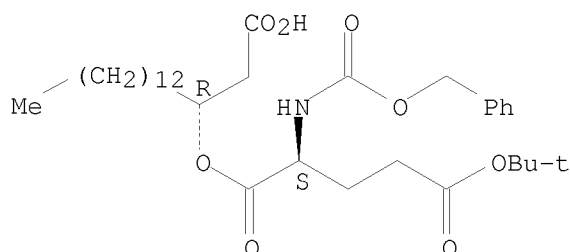
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(preparation and antifungal activity of cyclic depsipeptide FR-203903, an ornithine-modified analog of FR-901469)

RN 289615-42-5 CAPLUS

CN L-Glutamic acid, N-[(phenylmethoxy)carbonyl]-, 1-[(1R)-1-(carboxymethyl)tetradecyl] 5-(1,1-dimethylethyl) ester (CA INDEX NAME)

Absolute stereochemistry.

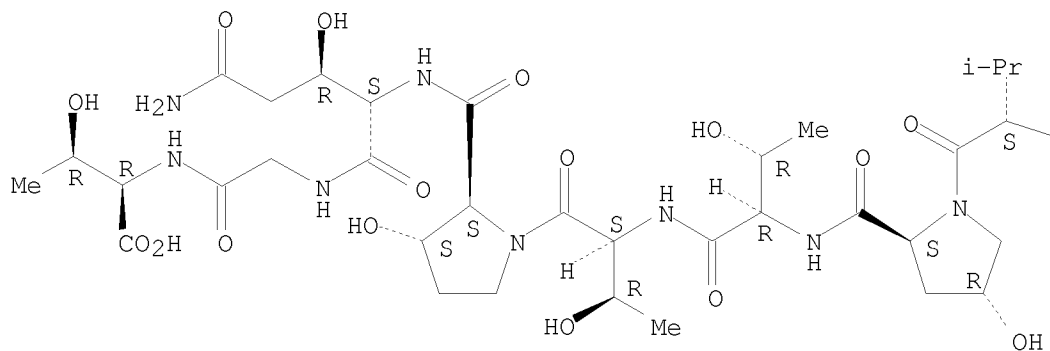


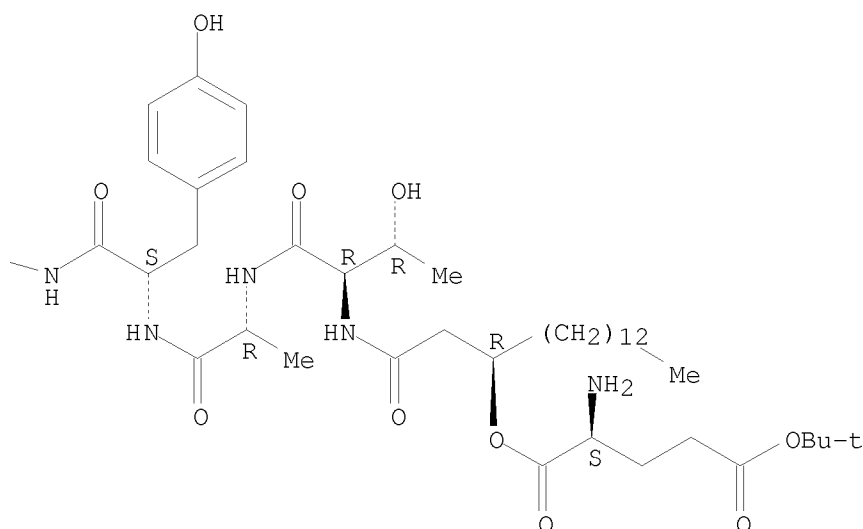
RN 289615-45-8 CAPLUS

CN D-Allothreonine, L- $\alpha$ -glutamyl-(3R)-3-hydroxyhexadecanoyl-D-allothreonyl-D-alanyl-L-tyrosyl-L-valyl-(4R)-4-hydroxy-L-prolyl-D-allothreonyl-L-threonyl-(3S)-3-hydroxy-L-prolyl-(3R)-3-hydroxy-L-glutaminyglycyl-, 1-(1,1-dimethylethyl) ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.

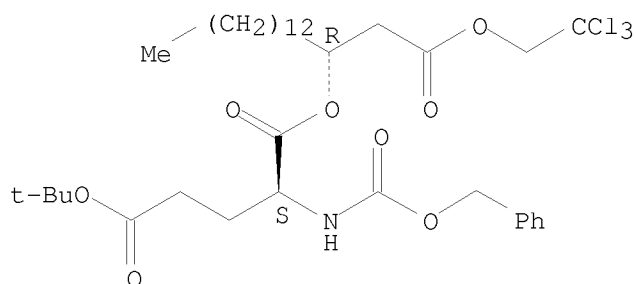
PAGE 1-A





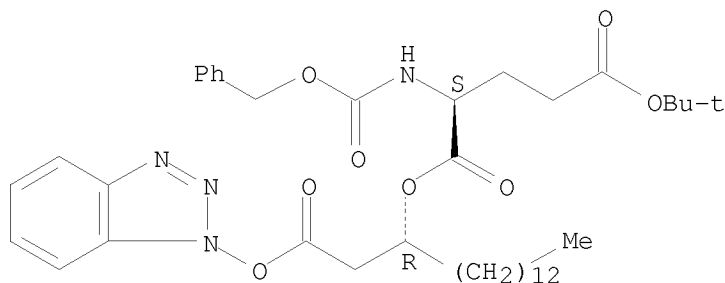
RN 335263-32-6 CAPLUS  
 CN L-Glutamic acid, N-[(phenylmethoxy)carbonyl]-, 5-(1,1-dimethylethyl)  
 1-[(1R)-1-[2-oxo-2-(2,2,2-trichloroethoxy)ethyl]tetradecyl] ester (CA  
 INDEX NAME)

Absolute stereochemistry.



RN 335263-34-8 CAPLUS  
 CN L-Glutamic acid, N-[(phenylmethoxy)carbonyl]-,  
 1-[(1R)-1-[2-(1H-benzotriazol-1-yloxy)-2-oxoethyl]tetradecyl]  
 5-(1,1-dimethylethyl) ester (CA INDEX NAME)

Absolute stereochemistry.



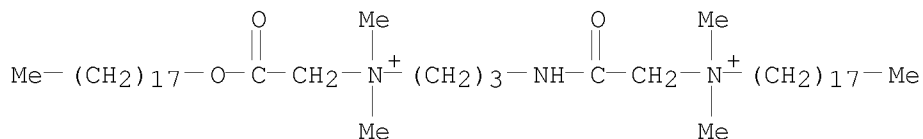
OS.CITING REF COUNT: 6 THERE ARE 6 CAPLUS RECORDS THAT CITE THIS RECORD

(6 CITINGS)

REFERENCE COUNT: 17 THERE ARE 17 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 524 OF 1480 CAPLUS COPYRIGHT 2011 ACS on STN  
ACCESSION NUMBER: 2001:124162 CAPLUS  
DOCUMENT NUMBER: 134:180331  
TITLE: Quaternary ammonium salts useful for softening agents  
INVENTOR(S): Ottawa, Yasunori; Kato, Toru; Tomifuji, Takeshi  
PATENT ASSIGNEE(S): Kao Corp., Japan  
SOURCE: Jpn. Kokai Tokkyo Koho, 13 pp.  
CODEN: JKXXAF  
DOCUMENT TYPE: Patent  
LANGUAGE: Japanese  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2001048851	A	20010220	JP 1999-224453	19990806
JP 4357656	B2	20091104		
PRIORITY APPLN. INFO.:			JP 1999-224453	19990806
OTHER SOURCE(S):	MARPAT	134:180331		
IT 326798-75-8P				
RL: IMF (Industrial manufacture); PREP (Preparation)				
(biodegradable quaternary ammonium salts for softening agents)				
RN 326798-75-8 CAPLUS				
CN 1-Octadecanaminium, N-[2-[[3-[dimethyl[2-(octadecyloxy)-2-oxoethyl]ammonio]propyl]amino]-2-oxoethyl]-N,N-dimethyl-, dichloride (9CI)				
(CA INDEX NAME)				

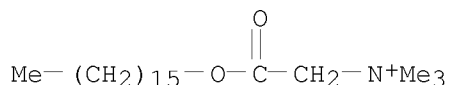


● 2 Cl<sup>-</sup>

L3 ANSWER 525 OF 1480 CAPLUS COPYRIGHT 2011 ACS on STN  
ACCESSION NUMBER: 2001:107873 CAPLUS  
DOCUMENT NUMBER: 134:168066  
TITLE: Manufacture of oil-in-water cosmetic emulsion containing cationic surfactants and higher alcohols  
INVENTOR(S): Fukuhara, Kazuhisa; Terasaki, Hiroyuki  
PATENT ASSIGNEE(S): Kao Corp., Japan  
SOURCE: Jpn. Kokai Tokkyo Koho, 6 pp.  
CODEN: JKXXAF  
DOCUMENT TYPE: Patent  
LANGUAGE: Japanese  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2001039839	A	20010213	JP 1999-217183	19990730
PRIORITY APPLN. INFO.:			JP 1999-217183	19990730

OTHER SOURCE(S):                MARPAT 134:168066  
 IT    52132-48-6  
       RL: BUU (Biological use, unclassified); BIOL (Biological study); USES  
       (Uses)  
       (manufacture of oil-in-water cosmetic emulsion by adding oil phase  
 containing  
       cationic surfactants and higher alcs. to pH-controlled aqueous phase)  
 RN    52132-48-6    CAPLUS  
 CN    Ethanaminium, 2-(hexadecyloxy)-N,N,N-trimethyl-2-oxo-, chloride (1:1)    (CA  
       INDEX NAME)



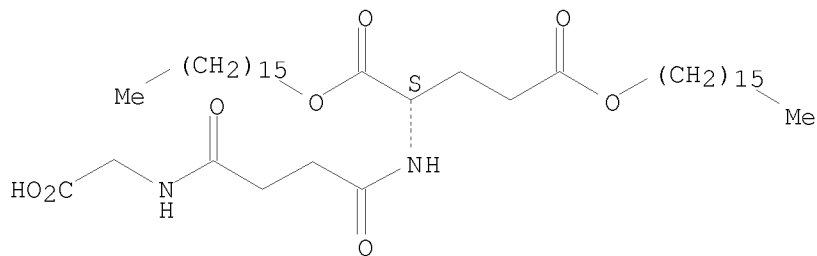
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=> d 526-600 ibib hitstr  
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L3    ANSWER 526 OF 1480    CAPLUS    COPYRIGHT 2011 ACS on STN  
 ACCESSION NUMBER:            2001:107538    CAPLUS  
 DOCUMENT NUMBER:            134:296410  
 TITLE:                        Responsive polymer/liposome complexes: design,  
                                  characterization and application  
 AUTHOR(S):                   Winnik, Francoise M.; Principi, Tania  
 CORPORATE SOURCE:            Department of Chemistry, McMaster University,  
                                  Hamilton, ON, L8S 4M1, Can.  
 SOURCE:                        ACS Symposium Series (2001), 780 (Stimuli-Responsive  
                                  Water Soluble and Amphiphilic Polymers), 277-297  
                                  CODEN: ACSMC8; ISSN: 0097-6156  
 PUBLISHER:                    American Chemical Society  
 DOCUMENT TYPE:                Journal  
 LANGUAGE:                      English  
 IT    171195-70-3  
       RL: PEP (Physical, engineering or chemical process); PRP (Properties); TEM  
       (Technical or engineered material use); PROC (Process); USES (Uses)  
       (pH effects on interaction of acrylamide polymer micelles and liposomes  
       and controlled release of calcein from liposome-polymer assemblies)  
 RN    171195-70-3    CAPLUS  
 CN    L-Glutamic acid, N-[4-[(carboxymethyl)amino]-1,4-dioxobutyl]-,  
       1,5-dihexadecyl ester    (CA INDEX NAME)

Absolute stereochemistry.

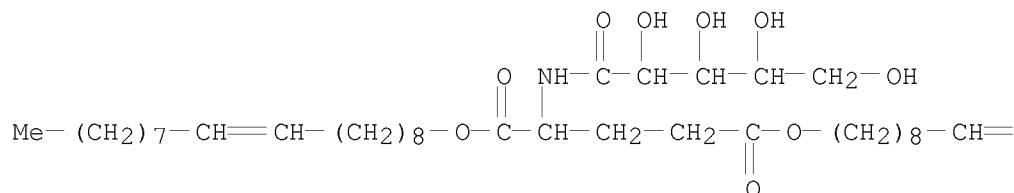




OS.CITING REF COUNT: 3 THERE ARE 3 CAPLUS RECORDS THAT CITE THIS RECORD (3 CITINGS)  
 REFERENCE COUNT: 26 THERE ARE 26 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 527 OF 1480 CAPLUS COPYRIGHT 2011 ACS on STN  
 ACCESSION NUMBER: 2001:75956 CAPLUS  
 DOCUMENT NUMBER: 134:268105  
 TITLE: Preparation of surfactant-subtilisin Carlsberg complexes catalytically active in organic solvents  
 AUTHOR(S): Sakoguchi, Akihiro; Handa, Sachiko; Nakashio, Fumiyuki; Okazaki, Shin-Ya; Goto, Masahiro  
 CORPORATE SOURCE: Dep. Applied Chemistry, Sojo Univ., Kumamoto, 860-0082, Japan  
 SOURCE: Kagaku Kogaku Ronbunshu (2001), 27(1), 57-62  
 CODEN: KKRBAW; ISSN: 0386-216X  
 PUBLISHER: Kagaku Kogakkai  
 DOCUMENT TYPE: Journal  
 LANGUAGE: Japanese  
 IT 332079-31-9P  
 RL: CAT (Catalyst use); PRP (Properties); SPN (Synthetic preparation);  
 PREP (Preparation); USES (Uses)  
 (preparation and catalytically activity of surfactant-subtilisin Carlsberg complexes for ester-exchange reaction in organic solvents)  
 RN 332079-31-9 CAPLUS  
 CN L-Glutamic acid, N-D-ribonoyl-, di-(9Z)-9-octadecenyl ester, compd. with subtilisin (9CI) (CA INDEX NAME)  
 CM 1  
 CRN 108779-63-1  
 CMF C46 H85 N O9

PAGE 1-A



=CH- (CH<sub>2</sub>)<sub>7</sub>-Me

CM 2

CRN 9014-01-1  
CMF Unspecified  
CCI MAN

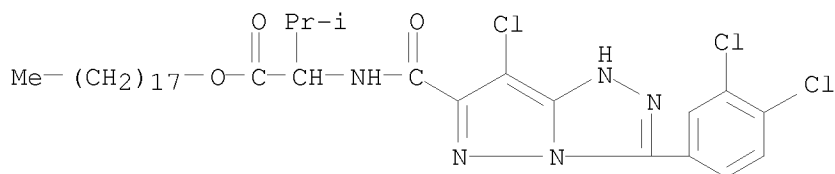
\*\*\* STRUCTURE DIAGRAM IS NOT AVAILABLE \*\*\*

OS.CITING REF COUNT: 2 THERE ARE 2 CAPLUS RECORDS THAT CITE THIS RECORD  
(2 CITINGS)

L3 ANSWER 528 OF 1480 CAPLUS COPYRIGHT 2011 ACS on STN  
ACCESSION NUMBER: 2001:73437 CAPLUS  
DOCUMENT NUMBER: 134:139150  
TITLE: Color photographic element comprising at least five  
imaging layers with improved color gamut  
INVENTOR(S): Edwards, James L.; Begley, William J.  
PATENT ASSIGNEE(S): Eastman Kodak Company, USA  
SOURCE: U.S., 38 pp.  
CODEN: USXXAM  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 6180328	B1	20010130	US 1999-473932	19991228
IN 2000MU01017	A	20050708	IN 2000-MU1017	20001114
EP 1113321	A1	20010704	EP 2000-204573	20001218
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
JP 2001194756	A	20010719	JP 2000-400695	20001228
CN 1309326	A	20010822	CN 2000-137539	20001228
PRIORITY APPLN. INFO.:			US 1999-473932	A 19991228

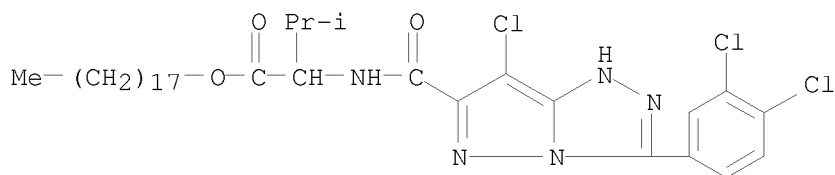
ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT  
IT 220611-89-2  
RL: DEV (Device component use); USES (Uses)  
(photog. blue coupler having hue angle 25-45° in multilayer  
color photog. element with increased color gamut)  
RN 220611-89-2 CAPLUS  
CN Valine, N-[[7-chloro-3-(3,4-dichlorophenyl)-1H-pyrazolo[5,1-c]-1,2,4-triazol-6-yl]carbonyl]-, octadecyl ester (CA INDEX NAME)



OS.CITING REF COUNT: 4 THERE ARE 4 CAPLUS RECORDS THAT CITE THIS RECORD  
(4 CITINGS)  
REFERENCE COUNT: 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 529 OF 1480 CAPLUS COPYRIGHT 2011 ACS on STN  
ACCESSION NUMBER: 2001:62611 CAPLUS  
DOCUMENT NUMBER: 134:123525  
TITLE: Silver halide color photographic material, its  
processing and laser-imaging, and manufacture of color  
proof from the material  
INVENTOR(S): Yasukawa, Hiroyuki; Miura, Norio  
PATENT ASSIGNEE(S): Konica Co., Japan  
SOURCE: Jpn. Kokai Tokkyo Koho, 42 pp.  
CODEN: JKXXAF  
DOCUMENT TYPE: Patent  
LANGUAGE: Japanese  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2001022037	A	20010126	JP 1999-196658	19990709
PRIORITY APPLN. INFO.:			JP 1999-196658	19990709
OTHER SOURCE(S):	MARPAT	134:123525		
IT 220611-89-2				
RL: DEV (Device component use); USES (Uses)				
(cyan coupler; silver halide color photog. material for color proof				
manufactured by laser imaging)				
RN 220611-89-2 CAPLUS				
CN Valine, N-[[7-chloro-3-(3,4-dichlorophenyl)-1H-pyrazolo[5,1-c]-1,2,4-				
triazol-6-yl]carbonyl]-, octadecyl ester (CA INDEX NAME)				

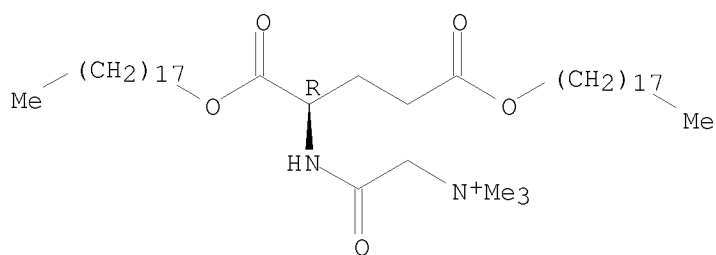


OS.CITING REF COUNT: 1 THERE ARE 1 CAPLUS RECORDS THAT CITE THIS RECORD  
(1 CITINGS)

L3 ANSWER 530 OF 1480 CAPLUS COPYRIGHT 2011 ACS on STN  
ACCESSION NUMBER: 2001:43871 CAPLUS  
DOCUMENT NUMBER: 135:157603  
TITLE: Study of cell-material interaction by estimating  
NF- $\kappa$ B activation in HeLa S3 cells adhered onto  
hydrophilic substrates  
AUTHOR(S): Kishida, A.; Matsuyama, T.; Kitajima, I.; Maruyama,  
I.; Akashi, M.  
CORPORATE SOURCE: Department of Applied Chemistry and Chemical  
Engineering, Faculty of Engineering, Kagoshima  
University, Kagoshima, 890-0065, Japan  
SOURCE: Biomaterials (2001), 22(6), 541-546  
CODEN: BIMADU; ISSN: 0142-9612  
PUBLISHER: Elsevier Science Ltd.  
DOCUMENT TYPE: Journal  
LANGUAGE: English

IT 352515-01-6  
 RL: THU (Therapeutic use); BIOL (Biological study); USES (Uses)  
 (cell-material interaction by estimating NF- $\kappa$ B activation in HeLa S3  
 cells adhered onto hydrophilic substrates)  
 RN 352515-01-6 CAPLUS  
 CN Ethanaminium, N,N,N-trimethyl-2-[[ (1R)-4-(octadecyloxy)-1-  
 [(octadecyloxy)carbonyl]-4-oxobutyl]amino]-2-oxo-, chloride (9CI) (CA  
 INDEX NAME)

Absolute stereochemistry.

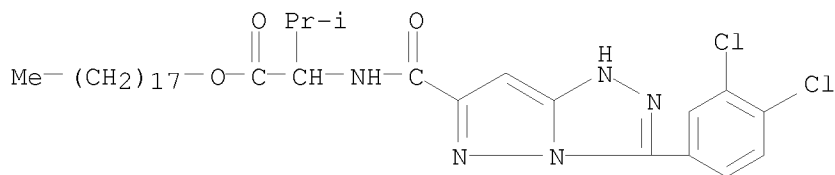


OS.CITING REF COUNT: 4 THERE ARE 4 CAPLUS RECORDS THAT CITE THIS RECORD  
 (4 CITINGS)  
 REFERENCE COUNT: 30 THERE ARE 30 CITED REFERENCES AVAILABLE FOR THIS  
 RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 531 OF 1480 CAPLUS COPYRIGHT 2011 ACS on STN  
 ACCESSION NUMBER: 2001:28514 CAPLUS  
 DOCUMENT NUMBER: 134:93275  
 TITLE: Color photographic silver halide material with  
 improved color reproduction and color stability  
 INVENTOR(S): Hagemann, Joerg; Geiger, Markus; Odenwaelder, Heinrich  
 PATENT ASSIGNEE(S): Agfa-Gevaert A.-G., Germany  
 SOURCE: Ger. Offen., 36 pp.  
 CODEN: GWXXBX  
 DOCUMENT TYPE: Patent  
 LANGUAGE: German  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 19932044	A1	20010111	DE 1999-19932044	19990709
JP 2001042482	A	20010216	JP 2000-205174	20000706
PRIORITY APPLN. INFO.:			DE 1999-19932044	A 19990709
OTHER SOURCE(S):	MARPAT 134:93275			

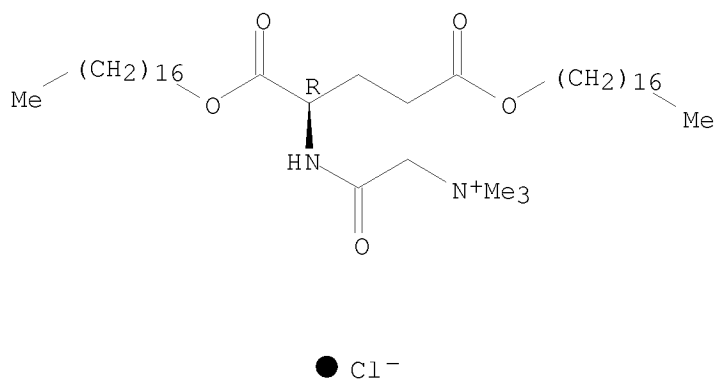
IT 209536-40-3  
 RL: DEV (Device component use); USES (Uses)  
 (in color photog. silver halide material for improving color reproduction  
 and color stability)  
 RN 209536-40-3 CAPLUS  
 CN Valine, N-[[3-(3,4-dichlorophenyl)-1H-pyrazolo[5,1-c]-1,2,4-triazol-6-  
 yl]carbonyl]-, octadecyl ester (CA INDEX NAME)



OS.CITING REF COUNT: 2 THERE ARE 2 CAPLUS RECORDS THAT CITE THIS RECORD (2 CITINGS)

L3 ANSWER 532 OF 1480 CAPLUS COPYRIGHT 2011 ACS on STN  
 ACCESSION NUMBER: 2001:21059 CAPLUS  
 DOCUMENT NUMBER: 135:223657  
 TITLE: Study of cell-lipid film interaction by measuring heat shock proteins mRNA expression  
 AUTHOR(S): Kishida, Akio; Matsuyama, Takahisa; Nakashima, Mihoko; Serizawa, Takeshi; Akashi, Mitsuru; Sugimura, Kazuhisa  
 CORPORATE SOURCE: Department of Applied Chemistry and Chemical Engineering, Kagoshima University, Kagoshima, 890-0065, Japan  
 SOURCE: Journal of Bioactive and Compatible Polymers (2000), 15(6), 478-488  
 CODEN: JBCPEV; ISSN: 0883-9115  
 PUBLISHER: Technomic Publishing Co., Inc.  
 DOCUMENT TYPE: Journal  
 LANGUAGE: English  
 IT 359715-55-2  
 RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)  
 (lipid film; cell-lipid film interaction effects on heat shock protein mRNA expression in HeLa S3 cells)  
 RN 359715-55-2 CAPLUS  
 CN Ethanaminium, 2-[[[(1R)-4-(heptadecyloxy)-1-[(heptadecyloxy)carbonyl]-4-oxobutyl]amino]-N,N,N-trimethyl-2-oxo-, chloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.



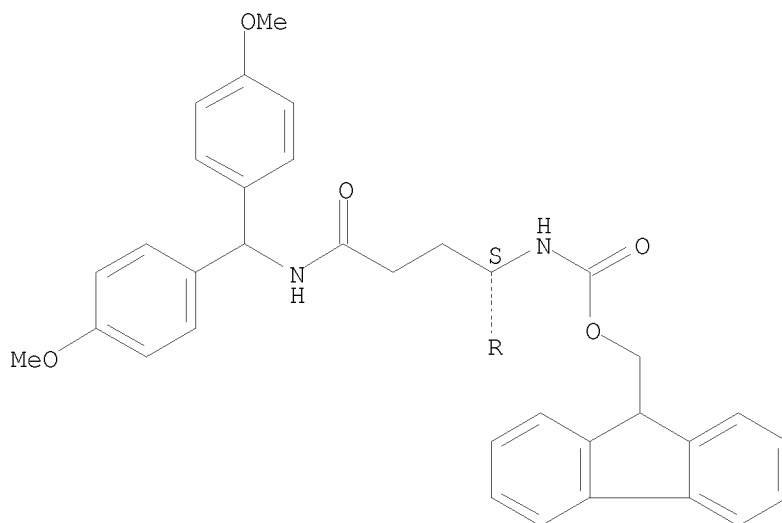
OS.CITING REF COUNT: 1 THERE ARE 1 CAPLUS RECORDS THAT CITE THIS RECORD (1 CITINGS)  
 REFERENCE COUNT: 35 THERE ARE 35 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

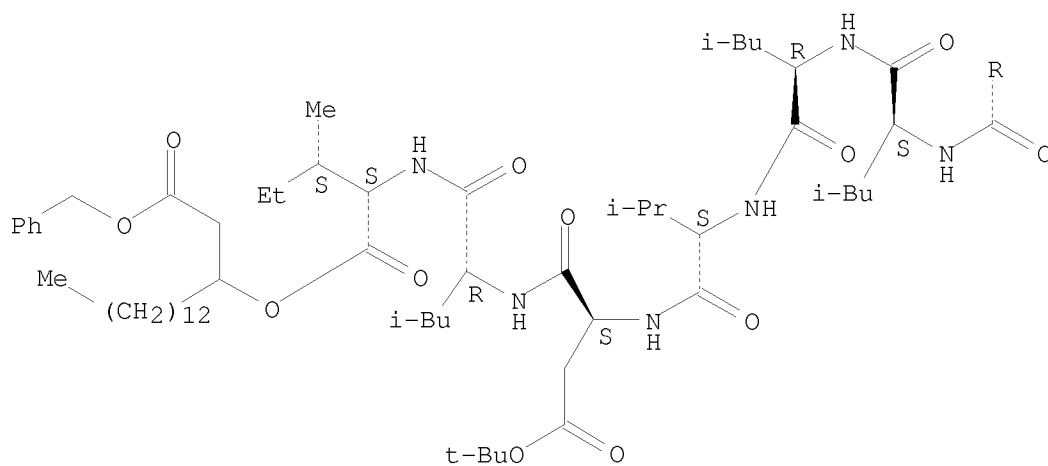
L3 ANSWER 533 OF 1480 CAPLUS COPYRIGHT 2011 ACS on STN  
 ACCESSION NUMBER: 2001:8549 CAPLUS  
 DOCUMENT NUMBER: 134:208114

TITLE: Synthesis of N-4909 analogs Part I. A stimulant of  
 apolipoprotein E secretion in human hepatoma G2 cells  
 AUTHOR(S): Yanai, Makoto; Suzuki, Masashi; Kawamura, Kouji;  
 Oshida, Norio; Hiramoto, Shigeru; Yasuda, Orie;  
 Shingai, Akiko; Suguro, Toshio  
 CORPORATE SOURCE: 1st Pharmaceutical Laboratory, Pharmaceutical Research  
 Laboratories, Nisshin Flour Milling Co., Ltd.,  
 Saitama, 356-8511, Japan  
 SOURCE: Journal of Antibiotics (2000), 53(12), 1385-1396  
 CODEN: JANTAJ; ISSN: 0021-8820  
 PUBLISHER: Japan Antibiotics Research Association  
 DOCUMENT TYPE: Journal  
 LANGUAGE: English  
 OTHER SOURCE(S): CASREACT 134:208114  
 IT 201041-12-5P 201041-13-6P  
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT  
 (Reactant or reagent)  
 (preparation of N-4909 analogs as stimulants of apolipoprotein E secretion  
 in human hepatoma G2 cells)  
 RN 201041-12-5 CAPLUS  
 CN L-Isoleucine, N-[bis(4-methoxyphenyl)methyl]-N2-[(9H-fluoren-9-  
 ylmethoxy)carbonyl]-L-glutamyl-L-leucyl-D-leucyl-L-valyl-L- $\alpha$ -  
 aspartyl-D-leucyl-, 5-(1,1-dimethylethyl)  
 7-[1-[2-oxo-2-(phenylmethoxy)ethyl]tetradecyl] ester (9CI) (CA INDEX  
 NAME)

Absolute stereochemistry.

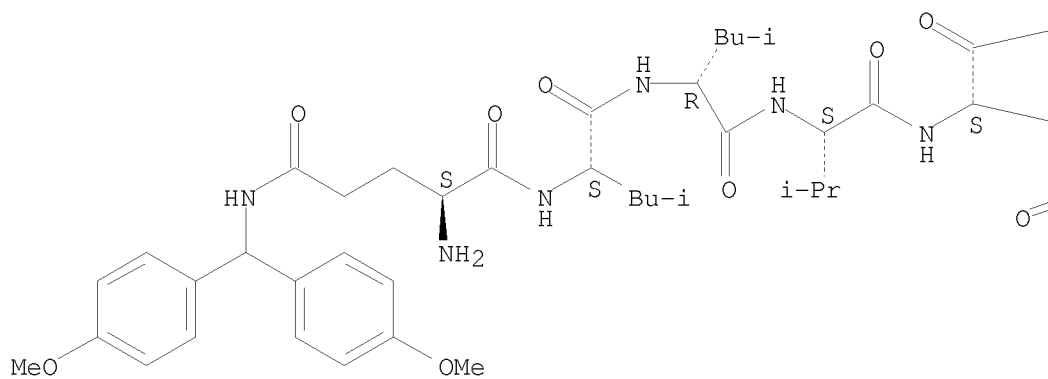
PAGE 1-A

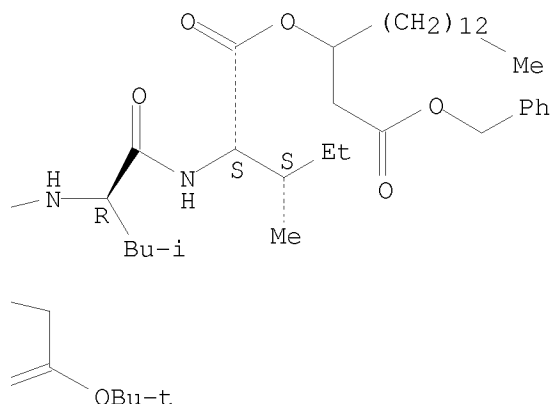




RN 201041-13-6 CAPLUS  
 CN L-Isoleucine, N-[bis(4-methoxyphenyl)methyl]-L-glutaminyl-L-leucyl-D-leucyl-L-valyl-L- $\alpha$ -aspartyl-D-leucyl-, 5-(1,1-dimethylethyl) 7-[1-[2-oxo-2-(phenylmethoxy)ethyl]tetradecyl] ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.





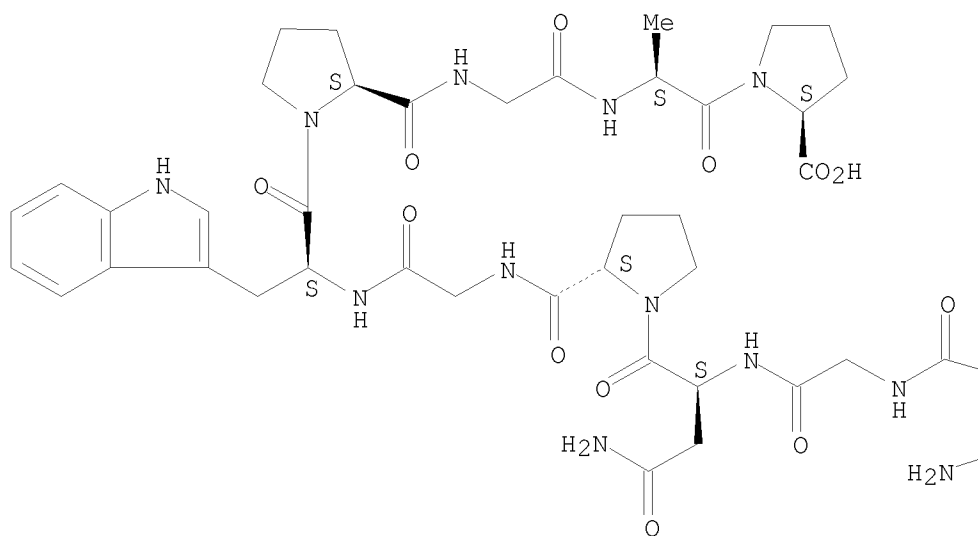
REFERENCE COUNT: 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 534 OF 1480 CAPLUS COPYRIGHT 2011 ACS on STN  
 ACCESSION NUMBER: 2000:894677 CAPLUS  
 DOCUMENT NUMBER: 134:291654  
 TITLE: Creating functional collagen peptide architectures on solid surfaces  
 AUTHOR(S): Dori, Yoav; Bianco-Peled, Havazelet; Satija, Sushil K.; Fields, Gregg B.; McCarthy, James B.; Tirrell, Matthew  
 CORPORATE SOURCE: Department of Chemical Engineering & Materials Science, University of Minnesota, Minneapolis, MN, 55455, USA  
 SOURCE: Peptides for the New Millennium, Proceedings of the American Peptide Symposium, 16th, Minneapolis, MN, United States, June 26-July 1, 1999 (2000), Meeting Date 1999, 361-363. Editor(s): Fields, Gregg B.; Tam, James P.; Barany, George. Kluwer Academic Publishers: Dordrecht, Neth.  
 CODEN: 69ATHX  
 DOCUMENT TYPE: Conference  
 LANGUAGE: English  
 IT 204188-22-7  
 RL: BSU (Biological study, unclassified); MSC (Miscellaneous); BIOL (Biological study)  
 (supported bilayer membrane containing; creating functional collagen peptide architectures on solid surfaces for cell adhesion)  
 RN 204188-22-7 CAPLUS  
 CN L-Proline, N-[4-[[[(1S)-4-(hexadecyloxy)-1-[(hexadecyloxy)carbonyl]-4-oxobutyl]amino]-1,4-dioxobutyl]glycyl-L-prolyl-(4R)-4-hydroxy-L-prolylglycyl-L-prolyl-(4R)-4-hydroxy-L-prolylglycyl-L-prolyl-(4R)-4-hydroxy-L-prolylglycyl-L-prolyl-(4R)-4-hydroxy-L-prolylglycyl-L-valyl-L-lysylglycyl-L- $\alpha$ -aspartyl-L-lysylglycyl-L-asparaginyl-L-prolylglycyl-L-tryptophyl-L-prolylglycyl-L-alanyl- (9CI) (CA INDEX NAME)

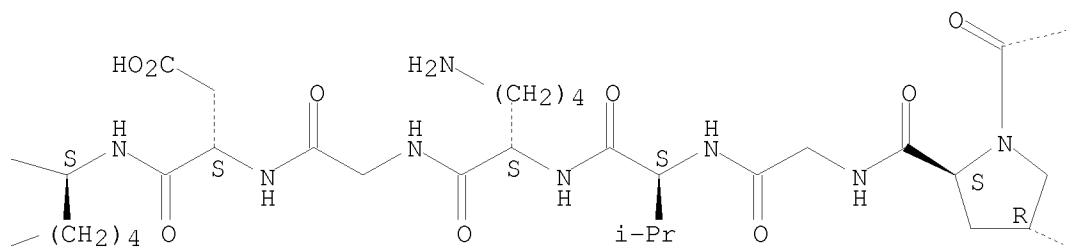
Absolute stereochemistry.

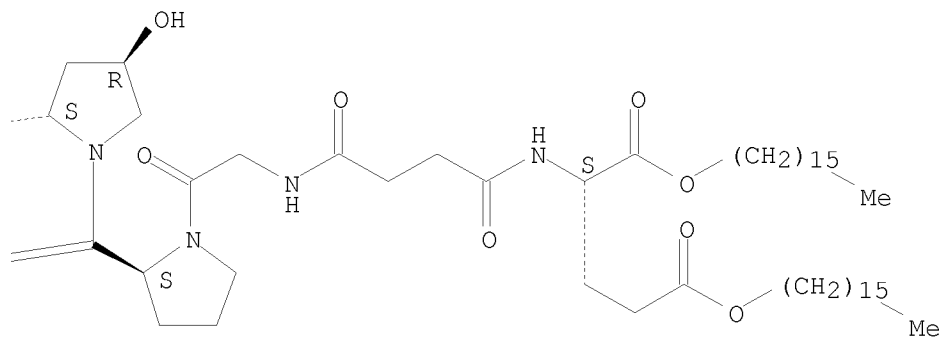
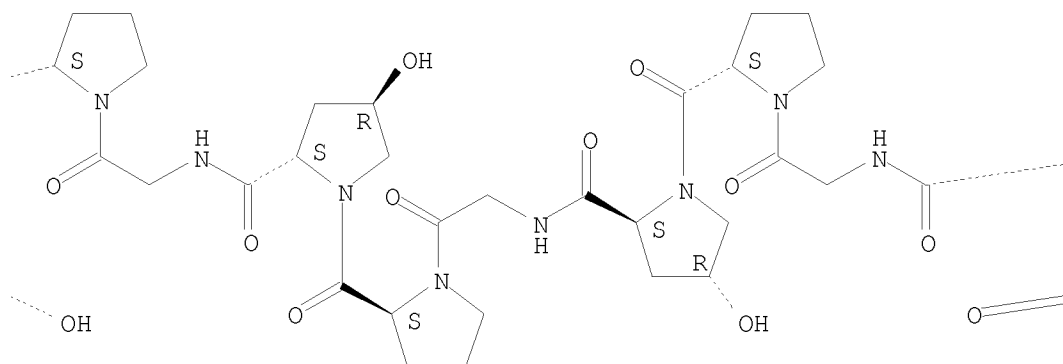


PAGE 1-A



PAGE 1-B





REFERENCE COUNT: 12 THERE ARE 12 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 535 OF 1480 CAPLUS COPYRIGHT 2011 ACS on STN  
 ACCESSION NUMBER: 2000:876988 CAPLUS  
 DOCUMENT NUMBER: 134:63771  
 TITLE: Silver halide color photographic material for producing excellent cyan image  
 INVENTOR(S): Ikesu, Satoru; Okubo, Kimihiko; Chen, Tsu Liu  
 PATENT ASSIGNEE(S): Konica Co., Japan  
 SOURCE: Jpn. Kokai Tokkyo Koho, 44 pp.  
 CODEN: JKXXAF  
 DOCUMENT TYPE: Patent  
 LANGUAGE: Japanese

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2000347367	A	20001215	JP 1999-158095	19990604

PRIORITY APPLN. INFO.: JP 1999-158095 19990604

OTHER SOURCE(S): MARPAT 134:63771

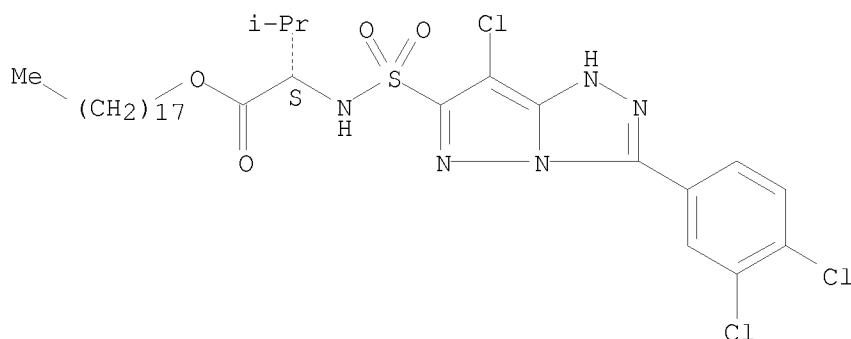
IT 313469-12-4

RL: DEV (Device component use); USES (Uses)  
(cyan coupler in color photog. material for producing excellent cyan image)

RN 313469-12-4 CAPLUS

CN L-Valine, N-[[7-chloro-3-(3,4-dichlorophenyl)-1H-pyrazolo[5,1-c]-1,2,4-triazol-6-yl]sulfonyl]-, octadecyl ester (CA INDEX NAME)

Absolute stereochemistry.



L3 ANSWER 536 OF 1480 CAPLUS COPYRIGHT 2011 ACS on STN

ACCESSION NUMBER: 2000:873311 CAPLUS

DOCUMENT NUMBER: 134:28530

TITLE: Antitumor antiviral compound A-77543 manufacture with Nocardia

INVENTOR(S): Azuma, Toshinori; Kitzuka, Masaaki; Kurakata, Shinichi; Shiozawa, Hideyuki; Nakajima, Atsuo; Furukawa, Hidehiko

PATENT ASSIGNEE(S): Sankyo Co., Ltd., Japan

SOURCE: Jpn. Kokai Tokkyo Koho, 12 pp.  
CODEN: JKXXAF

DOCUMENT TYPE: Patent

LANGUAGE: Japanese

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2000344768	A	20001212	JP 1999-154692	19990602

PRIORITY APPLN. INFO.: JP 1999-154692 19990602

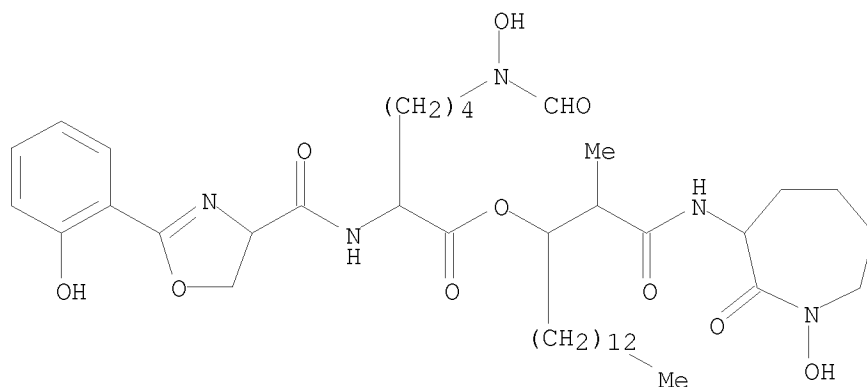
IT 312538-40-2P, Antitumor antiviral A-77543

RL: BPN (Biosynthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)  
(antitumor antiviral compound A-77543 manufacture with Nocardia)

RN 312538-40-2 CAPLUS

CN Lysine, N2-[[4,5-dihydro-2-(2-hydroxyphenyl)-4-oxazolyl]carbonyl]-N6-formyl-N6-hydroxy-, 1-[2-[(hexahydro-1-hydroxy-2-oxo-1H-azepin-3-yl)amino]-1-methyl-2-oxoethyl]tetradecyl ester (CA INDEX NAME)

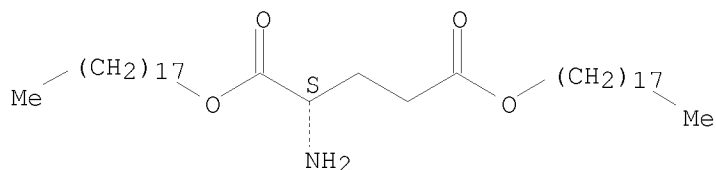
Currently available stereo shown.



OS.CITING REF COUNT: 1 THERE ARE 1 CAPLUS RECORDS THAT CITE THIS RECORD  
(1 CITINGS)

L3 ANSWER 537 OF 1480 CAPLUS COPYRIGHT 2011 ACS on STN  
ACCESSION NUMBER: 2000:859407 CAPLUS  
DOCUMENT NUMBER: 134:133303  
TITLE: Electrostatic interactions between surfactants and  
water soluble dyes at the air/water interface as  
studied by second harmonic interferometry  
AUTHOR(S): Yamada, Sunao; Nakano, Takashi  
CORPORATE SOURCE: Department of Materials Physics and Chemistry, Kyushu  
University, Fukuoka, 812-8581, Japan  
SOURCE: Analytical Sciences (2000), 16(11), 1233-1234  
CODEN: ANSCEN; ISSN: 0910-6340  
PUBLISHER: Japan Society for Analytical Chemistry  
DOCUMENT TYPE: Journal  
LANGUAGE: English  
IT 123726-22-7  
RL: PRP (Properties); TEM (Technical or engineered material use); USES  
(Uses)  
(surface electrostatic interactions of aqueous surfactants with  
water-soluble  
dyes observed by interferometry)  
RN 123726-22-7 CAPLUS  
CN L-Glutamic acid, dioctadecyl ester, hydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

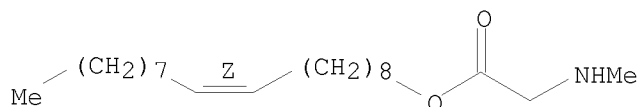


● HCl

OS.CITING REF COUNT: 2 THERE ARE 2 CAPLUS RECORDS THAT CITE THIS RECORD  
(2 CITINGS)  
REFERENCE COUNT: 19 THERE ARE 19 CITED REFERENCES AVAILABLE FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 538 OF 1480 CAPLUS COPYRIGHT 2011 ACS on STN  
 ACCESSION NUMBER: 2000:810432 CAPLUS  
 DOCUMENT NUMBER: 134:94492  
 TITLE: Ordered colloidal magnetic particles by magnetophoretic deposition  
 AUTHOR(S): Giersig, M.; Hilgendorff, M.  
 CORPORATE SOURCE: Hahn-Meitner-Institut, Berlin, 14109, Germany  
 SOURCE: Clusters and Nanostructure Interfaces, [Proceedings of the International Symposium on Clusters and Nanostructure Interfaces], Richmond, VA, United States, Oct. 25-28, 1999 (2000), Meeting Date 1999, 203-208. Editor(s): Jena, Puru; Khanna, Shiv N.; Rao, Bijan K. World Scientific Publishing Co. Pte. Ltd.: Singapore, Singapore.  
 CODEN: 69APQU  
 DOCUMENT TYPE: Conference  
 LANGUAGE: English  
 IT 10025-06-6, Oleylsarcosine  
 RL: NUU (Other use, unclassified); PEP (Physical, engineering or chemical process); PROC (Process); USES (Uses)  
 (ordered colloidal magnetic particles by magnetophoretic deposition)  
 RN 10025-06-6 CAPLUS  
 CN Glycine, N-methyl-, (9Z)-9-octadecen-1-yl ester (CA INDEX NAME)

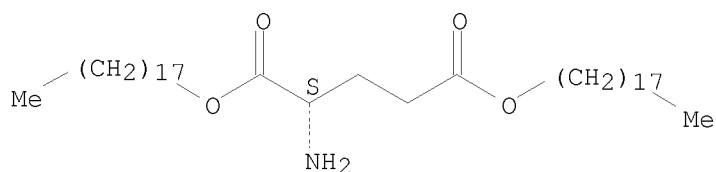
Double bond geometry as shown.



OS.CITING REF COUNT: 4 THERE ARE 4 CAPLUS RECORDS THAT CITE THIS RECORD (4 CITINGS)  
 REFERENCE COUNT: 15 THERE ARE 15 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 539 OF 1480 CAPLUS COPYRIGHT 2011 ACS on STN  
 ACCESSION NUMBER: 2000:787796 CAPLUS  
 DOCUMENT NUMBER: 134:58229  
 TITLE: Chem-enzymatic synthesis of new nonionic surfactants from unprotected carbohydrates  
 AUTHOR(S): Boyat, C.; Rolland-Fulcrand, V.; Roumestant, M.-L.; Viallefont, Ph.; Martinez, J.  
 CORPORATE SOURCE: Laboratoire des Aminoacides, Peptides et Proteines UMR CNRS 5810 Universites Montpellier 1 and 2, Montpellier, 34095, Fr.  
 SOURCE: Preparative Biochemistry & Biotechnology (2000), 30(4), 281-294  
 CODEN: PBBIF4; ISSN: 1082-6068  
 PUBLISHER: Marcel Dekker, Inc.  
 DOCUMENT TYPE: Journal  
 LANGUAGE: English  
 IT 59274-89-4P  
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)  
 (in chem-enzymic synthesis of new nonionic surfactants from unprotected carbohydrates)  
 RN 59274-89-4 CAPLUS  
 CN L-Glutamic acid, 1,5-dioctadecyl ester (CA INDEX NAME)

Absolute stereochemistry.

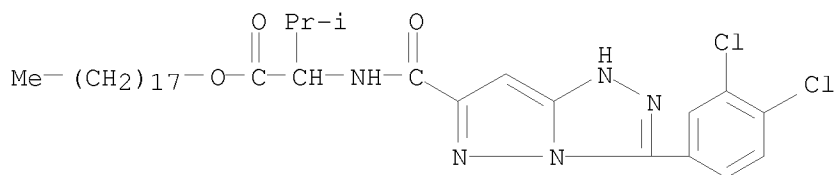


OS.CITING REF COUNT: 8 THERE ARE 8 CAPLUS RECORDS THAT CITE THIS RECORD (8 CITINGS)  
REFERENCE COUNT: 11 THERE ARE 11 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 540 OF 1480 CAPLUS COPYRIGHT 2011 ACS on STN  
ACCESSION NUMBER: 2000:772358 CAPLUS  
DOCUMENT NUMBER: 133:357180  
TITLE: Color photographic copying material containing pyrazoloazole cyan coupler  
INVENTOR(S): Hagemann, Joerg; Bergthaller, Peter; Jung, Juergen; Helling, Guenter; Missfeldt, Michael; Draber, Edgar  
PATENT ASSIGNEE(S): Agfa-Gevaert A.-G., Germany  
SOURCE: Ger. Offen., 38 pp.  
CODEN: GWXXBX  
DOCUMENT TYPE: Patent  
LANGUAGE: German  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 19919787	A1	20001102	DE 1999-19919787	19990430
GB 2351812	A	20010110	GB 2000-9727	20000419
GB 2351812	B	20021211		
JP 2000321734	A	20001124	JP 2000-131247	20000428

PRIORITY APPLN. INFO.: DE 1999-19919787 A 19990430  
OTHER SOURCE(S): MARPAT 133:357180  
IT 209536-40-3  
RL: DEV (Device component use); USES (Uses)  
(color photog. copying material containing pyrazoloazole cyan coupler of)  
RN 209536-40-3 CAPLUS  
CN Valine, N-[[3-(3,4-dichlorophenyl)-1H-pyrazolo[5,1-c]-1,2,4-triazol-6-yl]carbonyl]-, octadecyl ester (CA INDEX NAME)



L3 ANSWER 541 OF 1480 CAPLUS COPYRIGHT 2011 ACS on STN  
ACCESSION NUMBER: 2000:768942 CAPLUS  
DOCUMENT NUMBER: 133:340225  
TITLE: Targeted contrast agents for diagnostic and therapeutic use  
INVENTOR(S): Unger, Evan C.; Fritz, Thomas A.; Gertz, Edward W.  
PATENT ASSIGNEE(S): ImarRx Pharmaceutical Corp., USA

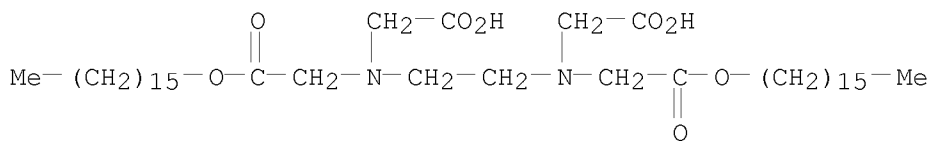
SOURCE: U.S., 76 pp., Cont.-in-part of U.S. Ser. No. 660,032,  
abandoned.  
CODEN: USXXAM  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
FAMILY ACC. NUM. COUNT: 8  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 6139819	A	20001031	US 1997-932273	19970917
CN 1187137	A	19980708	CN 1996-194499	19960606
CN 1083280	C	20020424		
EP 1444991	A1	20040811	EP 2004-76279	19960606
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI				
US 6033645	A	20000307	US 1996-666129	19960619
WO 9913919	A1	19990325	WO 1998-US18858	19980909
W: AU, CA				
RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
AU 9893830	A	19990405	AU 1998-93830	19980909
EP 959908	A1	19991201	EP 1998-946919	19980909
R: DE, FR, GB, IT				

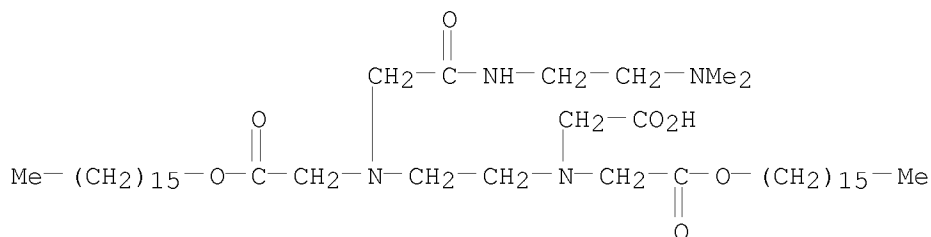
PRIORITY APPLN. INFO.:  
US 1995-497684 B2 19950607  
US 1996-640464 B2 19960501  
US 1996-660032 B2 19960606  
US 1996-666129 A2 19960619  
EP 1996-921486 A3 19960606  
US 1997-932273 A 19970917  
WO 1998-US18858 W 19980909

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT

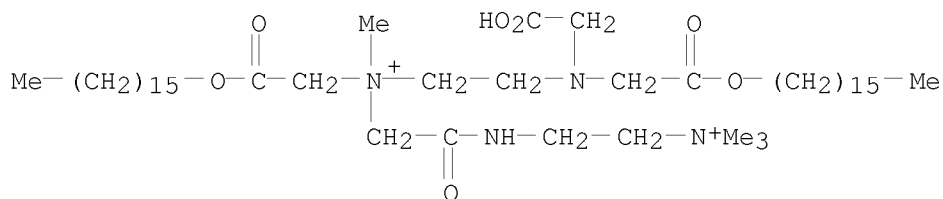
IT 56309-86-5P 186750-15-2P  
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)  
(phospholipid-like compds. for targeted contrast agents for diagnostic and therapeutic use)  
RN 56309-86-5 CAPLUS  
CN Glycine, N,N'-1,2-ethanediylbis[N-(carboxymethyl)-, 1,1'-dihexadecyl ester (CA INDEX NAME)]



RN 186750-15-2 CAPLUS  
CN 2,5,8,11-Tetraazatridecan-13-oic acid,  
11-(carboxymethyl)-8-[2-(hexadecyloxy)-2-oxoethyl]-2-methyl-6-oxo-,  
13-hexadecyl ester (CA INDEX NAME)



IT 186750-14-1P  
 RL: SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)  
 (phospholipid-like compds. for targeted contrast agents for diagnostic and therapeutic use)  
 RN 186750-14-1 CAPLUS  
 CN 12-Oxa-3,9-diaza-6-azoniaoctacosan-1-aminium,  
 9-(carboxymethyl)-6-[2-(hexadecyloxy)-2-oxoethyl]-N,N,N,6-tetramethyl-4,11-dioxo-, iodide (1:2) (CA INDEX NAME)



● 2 I<sup>-</sup>

OS.CITING REF COUNT: 17 THERE ARE 17 CAPLUS RECORDS THAT CITE THIS RECORD (17 CITINGS)  
 REFERENCE COUNT: 53 THERE ARE 53 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 542 OF 1480 CAPLUS COPYRIGHT 2011 ACS on STN  
 ACCESSION NUMBER: 2000:761924 CAPLUS  
 DOCUMENT NUMBER: 133:325448  
 TITLE: Hair preparations containing tertiary amines having ester linkage  
 INVENTOR(S): Terasaki, Hiroyuki; Fujii, Akira; Fukuhara, Kazuhisa; Kitano, Yoshihisa  
 PATENT ASSIGNEE(S): Kao Corp., Japan  
 SOURCE: Jpn. Kokai Tokkyo Koho, 6 pp.  
 CODEN: JKXXAF  
 DOCUMENT TYPE: Patent  
 LANGUAGE: Japanese  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2000302650	A	20001031	JP 1999-117988	19990426
JP 3946379	B2	20070718		
PRIORITY APPLN. INFO.:			JP 1999-117988	19990426
OTHER SOURCE(S):	MARPAT	133:325448		
IT 247231-50-1	303154-19-0	303154-20-3		



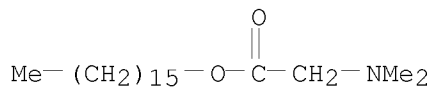
303154-22-5

RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)

(hair preps. containing (alkoxycarbonylalkyl)dialkylamines or their salts to give softness, smoothness, and oily texture)

RN 247231-50-1 CAPLUS

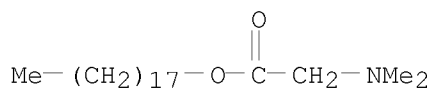
CN Glycine, N,N-dimethyl-, hexadecyl ester, hydrochloride (9CI) (CA INDEX NAME)



● HCl

RN 303154-19-0 CAPLUS

CN Glycine, N,N-dimethyl-, octadecyl ester, hydrochloride (9CI) (CA INDEX NAME)



● HCl

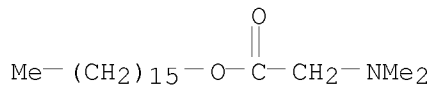
RN 303154-20-3 CAPLUS

CN Glycine, N,N-dimethyl-, hexadecyl ester, 2-hydroxypropanoate (9CI) (CA INDEX NAME)

CM 1

CRN 247231-52-3

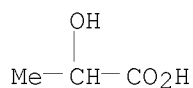
CMF C20 H41 N O2



CM 2

CRN 50-21-5

CMF C3 H6 O3



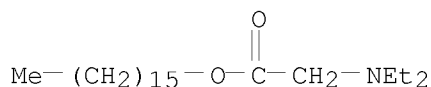
RN 303154-22-5 CAPLUS

CN Glycine, N,N-diethyl-, hexadecyl ester, 2-hydroxypropanoate (9CI) (CA

INDEX NAME)

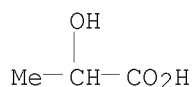
CM 1

CRN 303154-21-4  
CMF C22 H45 N O2



CM 2

CRN 50-21-5  
CMF C3 H6 O3



L3 ANSWER 543 OF 1480 CAPLUS COPYRIGHT 2011 ACS on STN  
ACCESSION NUMBER: 2000:742118 CAPLUS  
DOCUMENT NUMBER: 133:310144  
TITLE: Preparation of amidine-terminated peptides as prodrugs  
of thrombin inhibitors  
INVENTOR(S): Baucke, Dorit; Mack, Helmut; Seitz, Werner;  
Hornberger, Wilfried; Backfisch, Gisela; Delzer,  
Jurgen  
PATENT ASSIGNEE(S): BASF A.-G., Germany  
SOURCE: PCT Int. Appl., 136 pp.  
CODEN: PIXXD2  
DOCUMENT TYPE: Patent  
LANGUAGE: German  
FAMILY ACC. NUM. COUNT: 4  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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WO 2000061609	A2	20001019	WO 2000-EP3009	20000405
WO 2000061609	A3	20010315		
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW			
RW:	GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
CA 2370267	A1	20001019	CA 2000-2370267	20000405
EP 1165601	A2	20020102	EP 2000-920661	20000405
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO			
BR 2000009674	A	20020115	BR 2000-9674	20000405
TR 2001002912	T2	20020321	TR 2001-2912	20000405
HU 2002002401	A2	20021028	HU 2002-2401	20000405
HU 2002002401	A3	20031128		

JP 2002542165	T	20021210	JP 2000-611551	20000405
AU 765244	B2	20030911	AU 2000-41156	20000405
NZ 515026	A	20031031	NZ 2000-515026	20000405
BG 105986	A	20020628	BG 2001-105986	20011005
NO 2001004875	A	20011113	NO 2001-4875	20011008
MX 2001010119	A	20020311	MX 2001-10119	20011008
US 7144902	B1	20061205	US 2002-958349	20020328

PRIORITY APPLN. INFO.:

DE 1999-19915930	A	19990409
DE 1999-19934123	A	19990723
DE 1999-19947920	A	19991006
WO 2000-EP3009	W	20000405

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT

OTHER SOURCE(S): MARPAT 133:310144

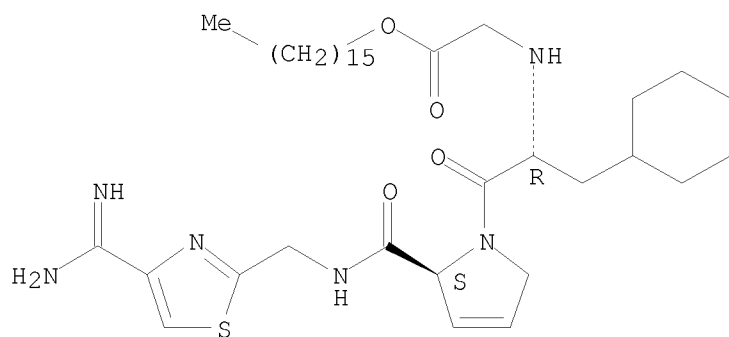
IT 301543-42-0P 301543-50-0P

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)  
(preparation of amidine-terminated peptides as prodrugs of thrombin inhibitors)

RN 301543-42-0 CAPLUS

CN L-Prolinamide, 3-cyclohexyl-N-[2-(hexadecyloxy)-2-oxoethyl]-D-alanyl-N-[[4-(aminoiminomethyl)-2-thiazolyl]methyl]-3,4-didehydro-, dihydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

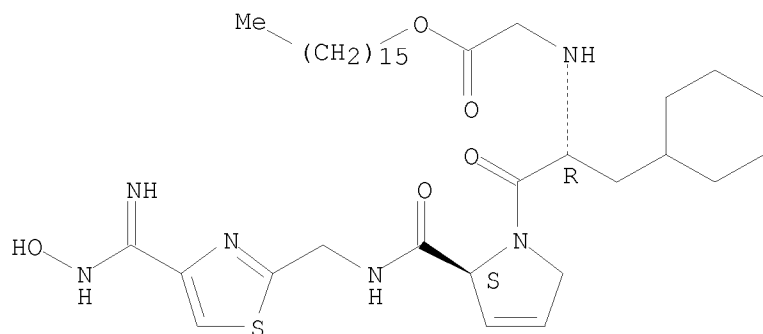


● 2 HCl

RN 301543-50-0 CAPLUS

CN L-Prolinamide, 3-cyclohexyl-N-[2-(hexadecyloxy)-2-oxoethyl]-D-alanyl-3,4-didehydro-N-[[4-[(hydroxyamino)iminomethyl]-2-thiazolyl]methyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.



● HCl

OS.CITING REF COUNT: 1 THERE ARE 1 CAPLUS RECORDS THAT CITE THIS RECORD (1 CITINGS)  
 REFERENCE COUNT: 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 544 OF 1480 CAPLUS COPYRIGHT 2011 ACS on STN  
 ACCESSION NUMBER: 2000:740967 CAPLUS  
 DOCUMENT NUMBER: 133:300945  
 TITLE: Amino acid esters as oily materials for cosmetic compositions  
 INVENTOR(S): Ishii, Hiroji; Koyama, Masako; Ichikawa, Tomomichi; Funakubo, Toshihiko  
 PATENT ASSIGNEE(S): Ajinomoto Co., Inc., Japan  
 SOURCE: Eur. Pat. Appl., 19 pp.  
 CODEN: EPXXDW  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 1044676	A2	20001018	EP 2000-303115	20000413
EP 1044676	A3	20020102		
EP 1044676	B1	20090318		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
JP 2000355531	A	20001226	JP 1999-229048	19990813
JP 3802288	B2	20060726		
US 6447790	B1	20020910	US 2000-550334	20000414
PRIORITY APPLN. INFO.:			JP 1999-108950	A 19990416
			JP 1999-229048	A 19990813

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT

OTHER SOURCE(S): MARPAT 133:300945

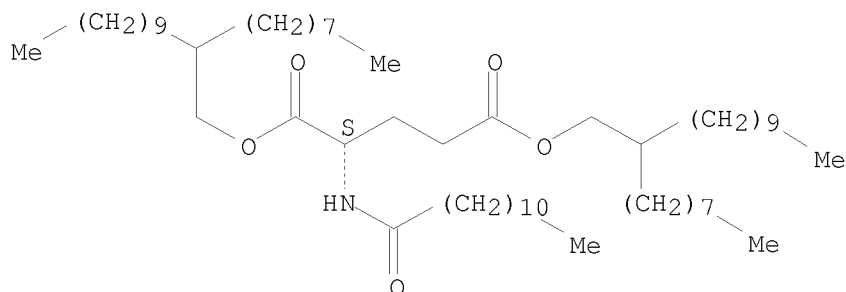
IT 82204-94-2P 301533-66-4P 301533-68-6P

RL: BUU (Biological use, unclassified); PRP (Properties); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses) (amino acid esters as oily materials for cosmetic compns.)

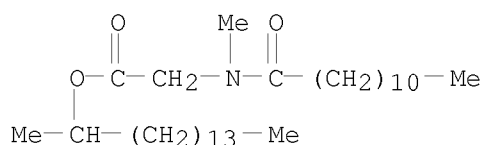
RN 82204-94-2 CAPLUS

CN L-Glutamic acid, N-(1-oxododecyl)-, 1,5-bis(2-octyldodecyl) ester (CA INDEX NAME)

Absolute stereochemistry.

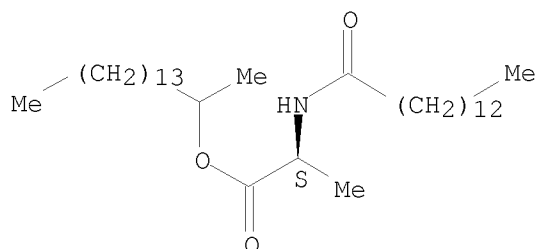


RN 301533-66-4 CAPLUS  
 CN Glycine, N-methyl-N-(1-oxododecyl)-, 1-methylpentadecyl ester (CA INDEX NAME)



RN 301533-68-6 CAPLUS  
 CN L-Alanine, N-(1-oxotetradecyl)-, 1-methylpentadecyl ester (CA INDEX NAME)

Absolute stereochemistry.



OS.CITING REF COUNT: 10 THERE ARE 10 CAPLUS RECORDS THAT CITE THIS RECORD (10 CITINGS)  
 REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 545 OF 1480 CAPLUS COPYRIGHT 2011 ACS on STN  
 ACCESSION NUMBER: 2000:633457 CAPLUS  
 DOCUMENT NUMBER: 133:350478  
 TITLE: Surface imprinted polymers recognizing amino acid chirality  
 AUTHOR(S): Yoshida, Masahiro; Uezu, Kazuya; Goto, Masahiro; Furusaki, Shintaro  
 CORPORATE SOURCE: Department of Chemical Systems and Engineering, Kyushu University, Fukuoka, 812-8581, Japan  
 SOURCE: Journal of Applied Polymer Science (2000), 78(4), 695-703  
 CODEN: JAPNAB; ISSN: 0021-8995  
 PUBLISHER: John Wiley & Sons, Inc.  
 DOCUMENT TYPE: Journal  
 LANGUAGE: English  
 IT 110934-23-1

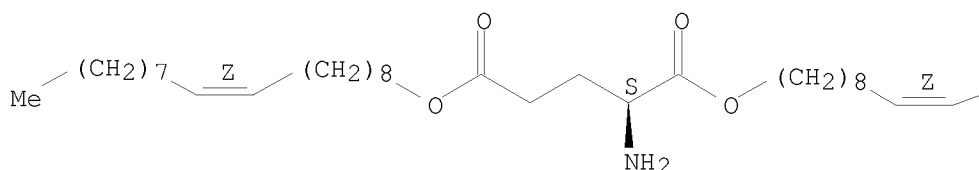
RL: MOA (Modifier or additive use); USES (Uses)  
(emulsion stabilizer; preparation of tryptophan-imprinted, phenylphosphonate  
host mol.-containing DVB polymers for chiral recognition of amino acids via  
competitive adsorption)

RN 110934-23-1 CAPLUS

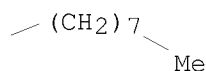
CN L-Glutamic acid, 1,5-di-(9Z)-9-octadecen-1-yl ester (CA INDEX NAME)

Absolute stereochemistry.  
Double bond geometry as shown.

PAGE 1-A



PAGE 1-B



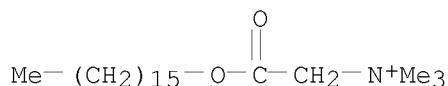
OS.CITING REF COUNT: 18 THERE ARE 18 CAPLUS RECORDS THAT CITE THIS  
RECORD (18 CITINGS)  
REFERENCE COUNT: 36 THERE ARE 36 CITED REFERENCES AVAILABLE FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 546 OF 1480 CAPLUS COPYRIGHT 2011 ACS on STN  
ACCESSION NUMBER: 2000:631877 CAPLUS  
DOCUMENT NUMBER: 133:242396  
TITLE: Preparation of betaine ester-containing mixture for  
use in hair conditioners  
INVENTOR(S): Terasaki, Hiroyuki; Fujii, Akira; Fukuhara, Kazuhisa;  
Kitahara, Yoshihisa  
PATENT ASSIGNEE(S): Kao Corp., Japan  
SOURCE: Jpn. Kokai Tokkyo Koho, 6 pp.  
CODEN: JKXXAF  
DOCUMENT TYPE: Patent  
LANGUAGE: Japanese  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2000247936	A	20000912	JP 1999-47642	19990225
JP 4219466	B2	20090204		
JP 2009108057	A	20090521	JP 2008-268534	20081017
PRIORITY APPLN. INFO.:			JP 1999-47642	A3 19990225
OTHER SOURCE(S):	MARPAT	133:242396		
IT 55068-19-4P				

RL: BUU (Biological use, unclassified); IMF (Industrial manufacture); BIOL  
(Biological study); PREP (Preparation); USES (Uses)  
(preparation of mixture containing betaine esters and secondary alcs. for  
use in  
hair conditioners)

RN 55068-19-4 CAPLUS  
CN Ethanaminium, 2-(hexadecyloxy)-N,N,N-trimethyl-2-oxo- (CA INDEX NAME)



L3 ANSWER 547 OF 1480 CAPLUS COPYRIGHT 2011 ACS on STN  
ACCESSION NUMBER: 2000:620685 CAPLUS  
DOCUMENT NUMBER: 133:182743  
TITLE: Cosmetic compositions containing peptides for  
producing a slimming action  
INVENTOR(S): Schnebert, Sylviane; Andre, Patrice  
PATENT ASSIGNEE(S): Parfums Christian Dior, Fr.  
SOURCE: Fr. Demande, 23 pp.  
CODEN: FRXXBL  
DOCUMENT TYPE: Patent  
LANGUAGE: French  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
FR 2786693	A1	20000609	FR 1998-15340	19981204
FR 2786693	B1	20030117		
PRIORITY APPLN. INFO.:			FR 1998-15340	19981204

OTHER SOURCE(S): MARPAT 133:182743  
IT 196604-48-5  
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)  
(cosmetic compns. containing peptides for producing slimming action)

RN 196604-48-5 CAPLUS  
CN L-Arginine, N-acetyl-L-tyrosyl-, hexadecyl ester (CA INDEX NAME)  
OS.CITING REF COUNT: 1 THERE ARE 1 CAPLUS RECORDS THAT CITE THIS RECORD  
(1 CITINGS)  
REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

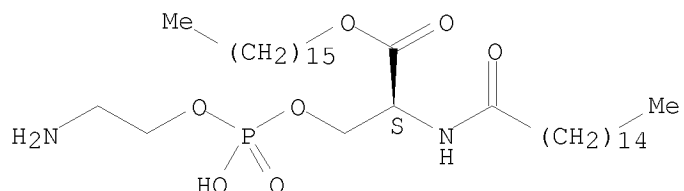
L3 ANSWER 548 OF 1480 CAPLUS COPYRIGHT 2011 ACS on STN  
ACCESSION NUMBER: 2000:619956 CAPLUS  
DOCUMENT NUMBER: 134:5094  
TITLE: Synthesis of enantiomerically pure, sn-1 modified  
sn-2-deoxy-2-amido-glycero-3-phospholipids  
AUTHOR(S): Bartel, M.; Rattay, B.; Nuhn, P.  
CORPORATE SOURCE: Institut fur Pharmazeutische Chemie,  
Martin-Luther-Universitat Halle-Wittenberg,  
Wittenberg, Germany  
SOURCE: Chemistry and Physics of Lipids (2000), 107(1),  
121-129  
CODEN: CPLIA4; ISSN: 0009-3084  
PUBLISHER: Elsevier Science Ireland Ltd.  
DOCUMENT TYPE: Journal  
LANGUAGE: English  
OTHER SOURCE(S): CASREACT 134:5094  
IT 308089-36-3 308089-37-4 308089-40-9  
308089-41-0  
RL: RCT (Reactant); RACT (Reactant or reagent)  
(enantiomerically pure synthesis of sn-1 modified

sn-2-deoxy-2-amido-glycero-3-phospholipids starting from L-serine Me ester)

RN 308089-36-3 CAPLUS

CN L-Serine, N-(1-oxohexadecyl)-, hexadecyl ester, 2-aminoethyl hydrogen phosphate (ester) (9CI) (CA INDEX NAME)

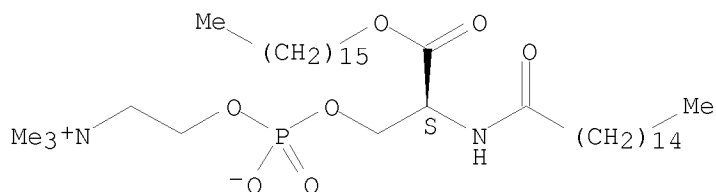
Absolute stereochemistry.



RN 308089-37-4 CAPLUS

CN Ethanaminium, 2-[[[(2S)-3-(hexadecyloxy)-3-oxo-2-[(1-oxohexadecyl)amino]propoxy]hydroxyphosphinyl]oxy]-N,N,N-trimethyl-, inner salt (CA INDEX NAME)

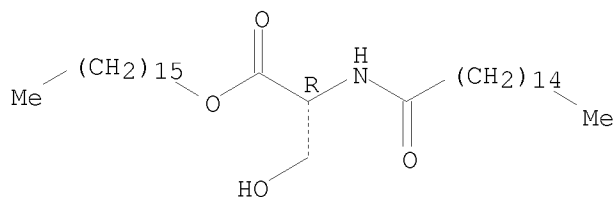
Absolute stereochemistry.



RN 308089-40-9 CAPLUS

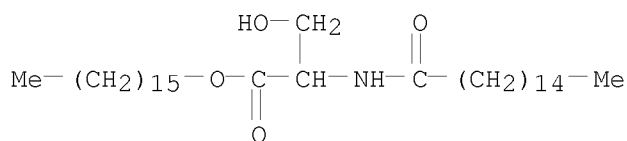
CN D-Serine, N-(1-oxohexadecyl)-, hexadecyl ester (CA INDEX NAME)

Absolute stereochemistry.



RN 308089-41-0 CAPLUS

CN Serine, N-(1-oxohexadecyl)-, hexadecyl ester (CA INDEX NAME)



IT 161124-62-5P 308089-34-1P 308089-35-2P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(enantiomerically pure synthesis of sn-1 modified

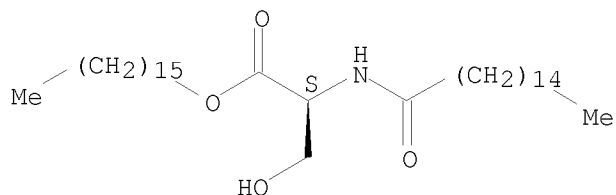


sn-2-deoxy-2-amido-glycero-3-phospholipids starting from L-serine Me ester)

RN 161124-62-5 CAPLUS

CN L-Serine, N-(1-oxohexadecyl)-, hexadecyl ester (CA INDEX NAME)

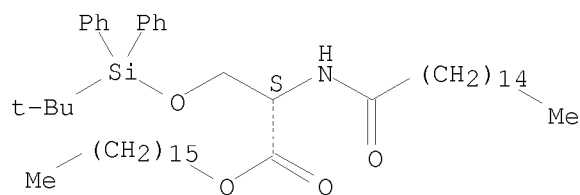
Absolute stereochemistry.



RN 308089-34-1 CAPLUS

CN L-Serine, O-[(1,1-dimethylethyl)diphenylsilyl]-N-(1-oxohexadecyl)-, hexadecyl ester (CA INDEX NAME)

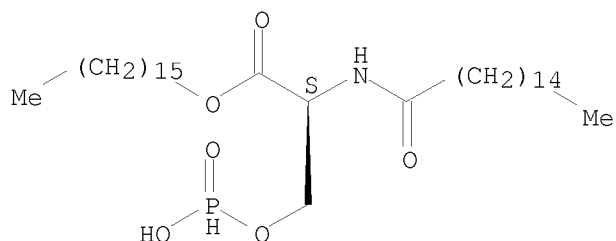
Absolute stereochemistry.



RN 308089-35-2 CAPLUS

CN L-Serine, N-(1-oxohexadecyl)-, hexadecyl ester, hydrogen phosphonate (ester) (9CI) (CA INDEX NAME)

Absolute stereochemistry.



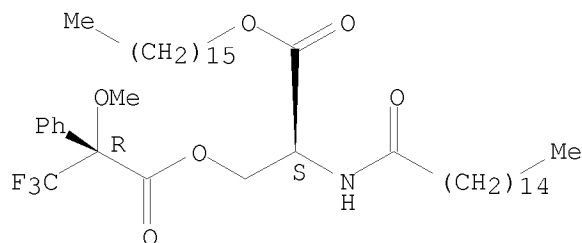
IT 308089-39-6P 308089-42-1P

RL: SPN (Synthetic preparation); PREP (Preparation)  
(enantiomerically pure synthesis of sn-1 modified  
sn-2-deoxy-2-amido-glycero-3-phospholipids starting from L-serine Me ester)

RN 308089-39-6 CAPLUS

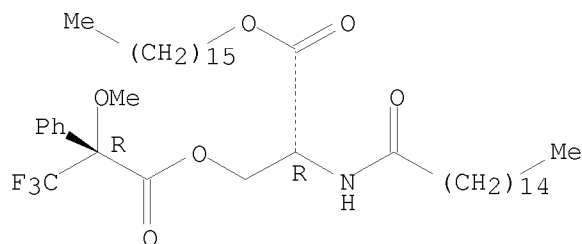
CN Benzeneacetic acid,  $\alpha$ -methoxy- $\alpha$ -(trifluoromethyl)-, (2S)-3-(hexadecyloxy)-3-oxo-2-[(1-oxohexadecyl)amino]propyl ester, ( $\alpha$ R)- (CA INDEX NAME)

Absolute stereochemistry.



RN 308089-42-1 CAPLUS  
 CN Benzeneacetic acid,  $\alpha$ -methoxy- $\alpha$ -(trifluoromethyl)-,  
 (2R)-3-(hexadecyloxy)-3-oxo-2-[(1-oxohexadecyl)amino]propyl ester,  
 ( $\alpha$ R)- (CA INDEX NAME)

Absolute stereochemistry.



OS.CITING REF COUNT: 3 THERE ARE 3 CAPLUS RECORDS THAT CITE THIS RECORD  
 (3 CITINGS)  
 REFERENCE COUNT: 18 THERE ARE 18 CITED REFERENCES AVAILABLE FOR THIS  
 RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 549 OF 1480 CAPLUS COPYRIGHT 2011 ACS on STN  
 ACCESSION NUMBER: 2000:594141 CAPLUS  
 DOCUMENT NUMBER: 133:282077  
 TITLE: Preparation of liposomes containing dibranched-amino  
 acids and characterization of their glucose-binding  
 properties  
 AUTHOR(S): Seong, Hasoo; Choi, Won-Moon; Kim, Jin-Chul; Thompson,  
 David; Park, Kinam  
 CORPORATE SOURCE: Departments of Pharmaceutics and Biomedical  
 Engineering, Purdue University, West Lafayette, IN,  
 47907, USA  
 SOURCE: Polymer Preprints (American Chemical Society, Division  
 of Polymer Chemistry) (2000), 41(2), 1655-1656  
 CODEN: ACPPAY; ISSN: 0032-3934  
 PUBLISHER: American Chemical Society, Division of Polymer  
 Chemistry  
 DOCUMENT TYPE: Journal  
 LANGUAGE: English  
 IT 95992-27-1P 299918-34-6P 299918-35-7P  
 299918-36-8P  
 RL: BUU (Biological use, unclassified); SPN (Synthetic preparation); BIOL  
 (Biological study); PREP (Preparation); USES (Uses)  
 (preparation of liposomes containing dibranched-amino acids and  
 characterization  
 of their glucose-binding properties)  
 RN 95992-27-1 CAPLUS  
 CN L-Glutamic acid, dihexadecyl ester, 4-methylbenzenesulfonate (9CI) (CA

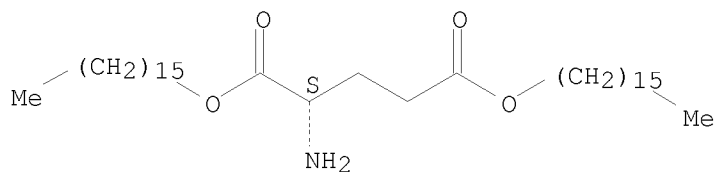
INDEX NAME)

CM 1

CRN 59274-90-7

CMF C37 H73 N O4

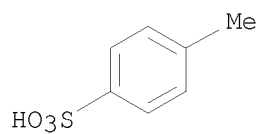
Absolute stereochemistry.



CM 2

CRN 104-15-4

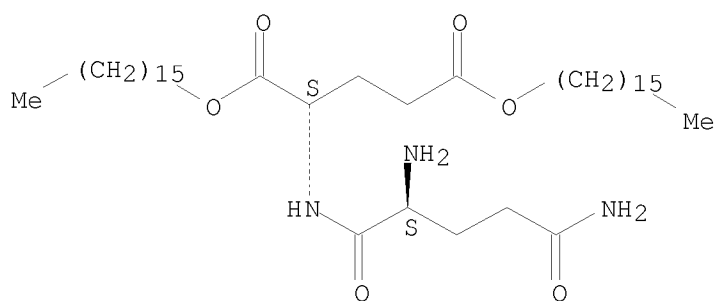
CMF C7 H8 O3 S



RN 299918-34-6 CAPLUS

CN L-Glutamic acid, L-glutaminyl-, dihexadecyl ester (9CI) (CA INDEX NAME)

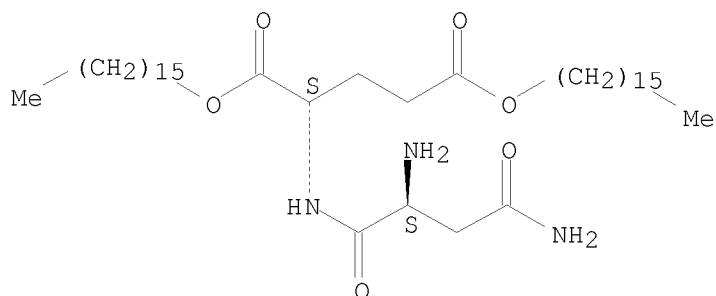
Absolute stereochemistry.



RN 299918-35-7 CAPLUS

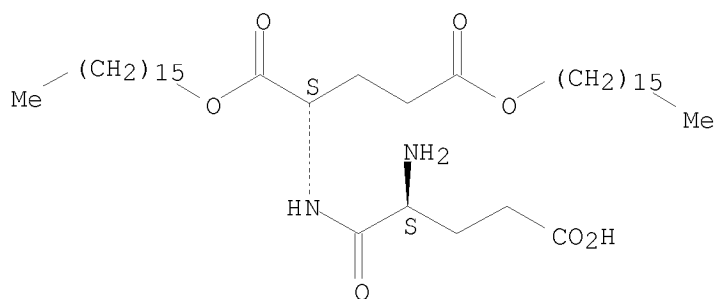
CN L-Glutamic acid, L-asparaginyl-, dihexadecyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 299918-36-8 CAPLUS  
 CN L-Glutamic acid, L- $\alpha$ -glutamyl-, 21,25-dihexadecyl ester (CA INDEX NAME)

Absolute stereochemistry.



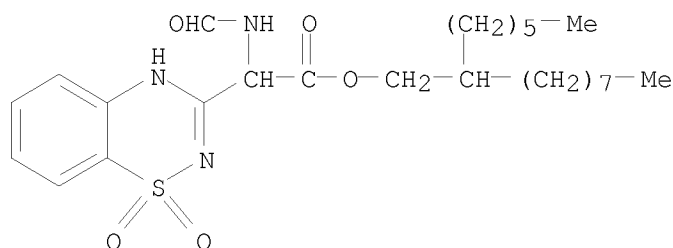
OS.CITING REF COUNT: 1 THERE ARE 1 CAPLUS RECORDS THAT CITE THIS RECORD (1 CITINGS)  
 REFERENCE COUNT: 12 THERE ARE 12 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 550 OF 1480 CAPLUS COPYRIGHT 2011 ACS on STN  
 ACCESSION NUMBER: 2000:592988 CAPLUS  
 DOCUMENT NUMBER: 133:200806  
 TITLE: Color photographic silver halide material  
 INVENTOR(S): Bergthaller, Peter; Haller, Jan  
 PATENT ASSIGNEE(S): Agfa-Gevaert A.-G., Germany  
 SOURCE: Ger. Offen., 22 pp.  
 CODEN: GWXXBX  
 DOCUMENT TYPE: Patent  
 LANGUAGE: German  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 19906652	A1	20000824	DE 1999-19906652	19990218
			DE 1999-19906652	19990218

PRIORITY APPLN. INFO.:  
 OTHER SOURCE(S): MARPAT 133:200806  
 IT 253276-63-0P  
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)  
 (preparation of cyan coupler for color photog. silver halide material)  
 RN 253276-63-0 CAPLUS  
 CN 2H-1,2,4-Benzothiadiazine-3-acetic acid,  $\alpha$ -(formylamino)-,

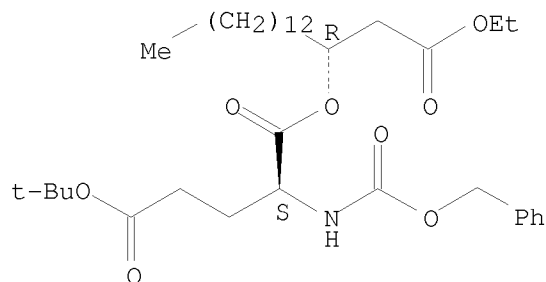
2-hexyldecyl ester, 1,1-dioxide (CA INDEX NAME)



L3	ANSWER 551 OF 1480	CAPLUS	COPYRIGHT 2011 ACS on STN
ACCESSION NUMBER:		2000:587076	CAPLUS
DOCUMENT NUMBER:		133:193492	
TITLE:		Preparation of cyclopeptides or cyclic depsipeptides as antifungal agents	
INVENTOR(S):		Barett, David; Tanaka, Akira; Okitsu, Osamu; Harada, Keiko; Ohki, Hidenori; Yamanaka, Hideaki; Kawabata, Koji	
PATENT ASSIGNEE(S):		Fujisawa Pharmaceutical Co., Ltd., Japan	
SOURCE:		Jpn. Kokai Tokkyo Koho, 300 pp.	
		CODEN: JKXXAF	
DOCUMENT TYPE:		Patent	
LANGUAGE:		Japanese	
FAMILY ACC. NUM. COUNT:		1	
PATENT INFORMATION:			

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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	JP 2000229998	A	20000822	JP 1999-301639	19991022
PRIORITY APPLN. INFO.:				JP 1998-368524	A 19981208
OTHER SOURCE(S):	MARPAT 133:193492				
IT	289615-41-4P	289615-42-5P	289615-43-6P		
	289615-44-7P	289615-45-8P			
	RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)				
	(preparation of cyclopeptides or cyclic depsipeptides as antifungal agents)				
RN	289615-41-4	CAPLUS			
CN	L-Glutamic acid, N-[(phenylmethoxy)carbonyl]-, 5-(1,1-dimethylethyl) 1-[(1R)-1-(2-ethoxy-2-oxoethyl)tetradecyl] ester (CA INDEX NAME)				

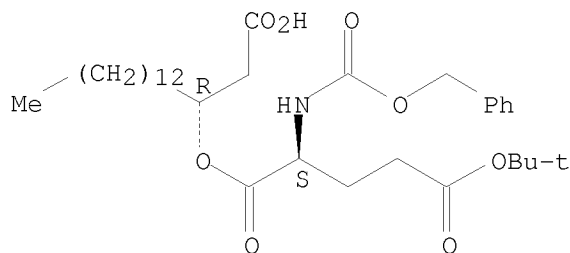
Absolute stereochemistry.



RN	289615-42-5	CAPLUS	
CN	L-Glutamic acid, N-[(phenylmethoxy)carbonyl]-, 1-[(1R)-1-(carboxymethyl)tetradecyl] 5-(1,1-dimethylethyl) ester (CA		

INDEX NAME)

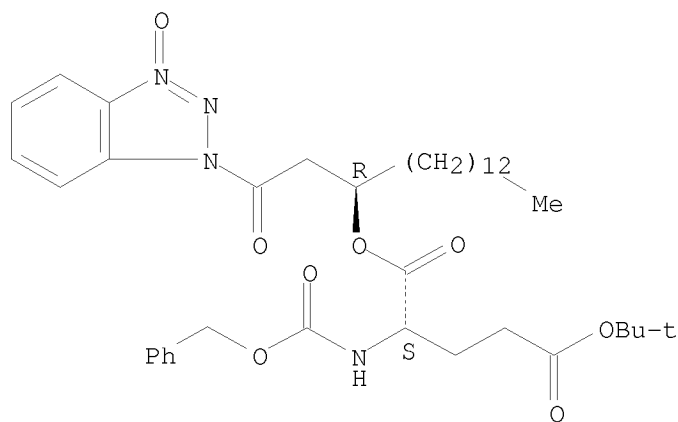
Absolute stereochemistry.



RN 289615-43-6 CAPLUS

CN L-Glutamic acid, N-[(phenylmethoxy)carbonyl]-, 5-(1,1-dimethylethyl)  
1-[(1R)-1-[2-(3-oxido-1H-benzotriazol-1-yl)-2-oxoethyl]tetradecyl] ester  
(CA INDEX NAME)

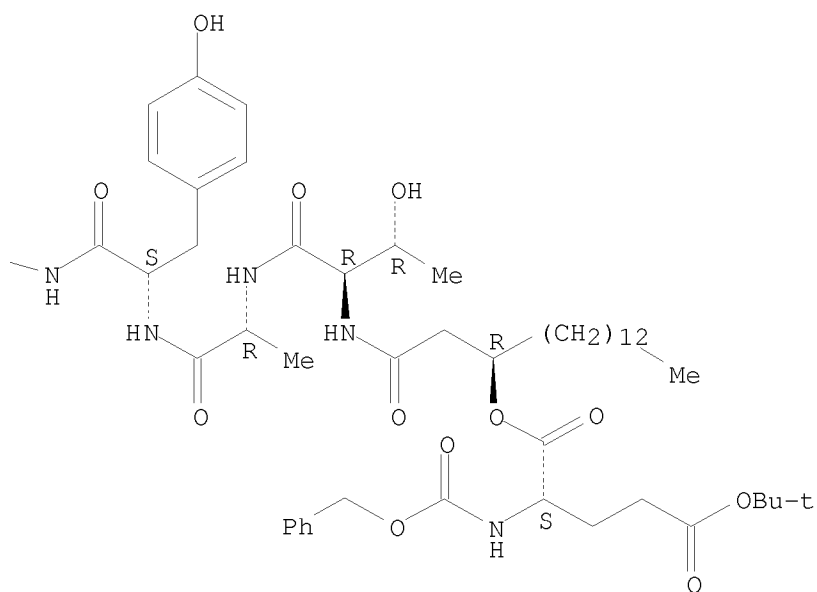
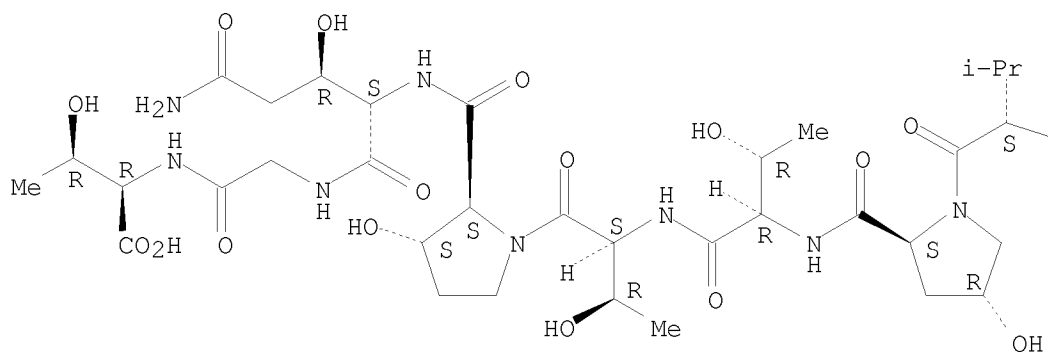
Absolute stereochemistry.



RN 289615-44-7 CAPLUS

CN D-Allothreonine, N-[(phenylmethoxy)carbonyl]-L- $\alpha$ -glutamyl-(3R)-3-  
hydroxyhexadecanoyl-D-allothreonyl-D-alanyl-L-tyrosyl-L-valyl-(4R)-4-  
hydroxy-L-prolyl-D-allothreonyl-L-threonyl-(3S)-3-hydroxy-L-prolyl-(3R)-3-  
hydroxy-L-glutaminyglycyl-, 1-(1,1-dimethylethyl) ester (9CI) (CA INDEX  
NAME)

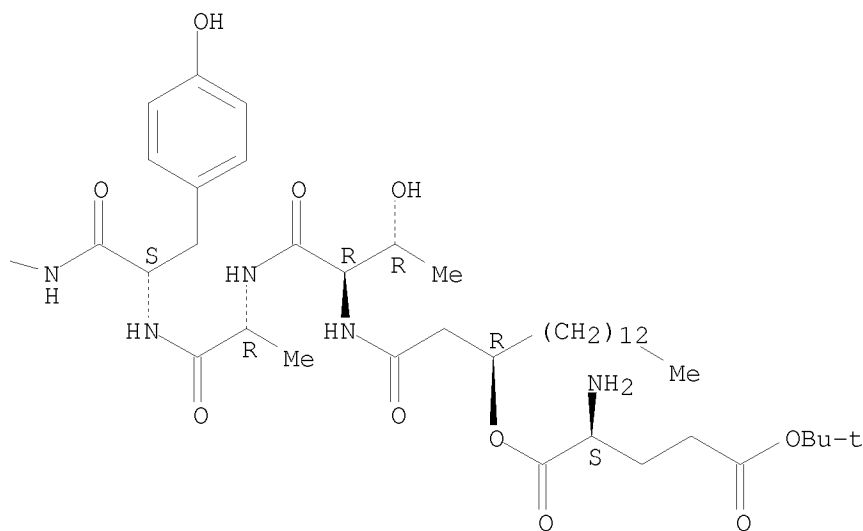
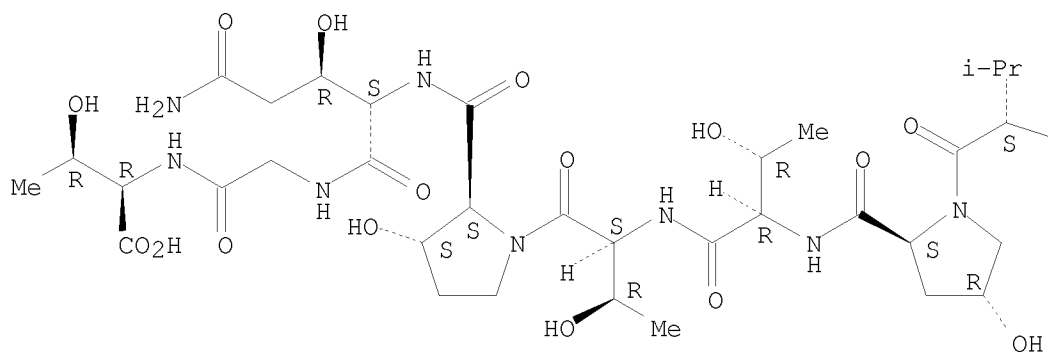
Absolute stereochemistry.



RN 289615-45-8 CAPLUS

CN D-Allothreonine, L- $\alpha$ -glutamyl-(3R)-3-hydroxyhexadecanoyl-D-allothreonyl-D-alanyl-L-tyrosyl-L-valyl-(4R)-4-hydroxy-L-prolyl-D-allothreonyl-L-threonyl-(3S)-3-hydroxy-L-prolyl-(3R)-3-hydroxy-L-glutaminylglycyl-, 1-(1,1-dimethylethyl) ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



OS.CITING REF COUNT: 1 THERE ARE 1 CAPLUS RECORDS THAT CITE THIS RECORD  
(1 CITINGS)

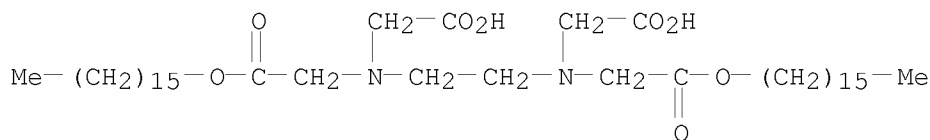
L3 ANSWER 552 OF 1480 CAPLUS COPYRIGHT 2011 ACS on STN  
 ACCESSION NUMBER: 2000:553450 CAPLUS  
 DOCUMENT NUMBER: 133:182966  
 TITLE: Novel methods of imaging and treatment with targeted compositions  
 INVENTOR(S): Ungr, Evan C.; Wu, Yunqiu  
 PATENT ASSIGNEE(S): ImaRx Pharmaceutical Corp., USA  
 SOURCE: PCT Int. Appl., 211 pp.  
 CODEN: PIXXD2  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 8  
 PATENT INFORMATION:



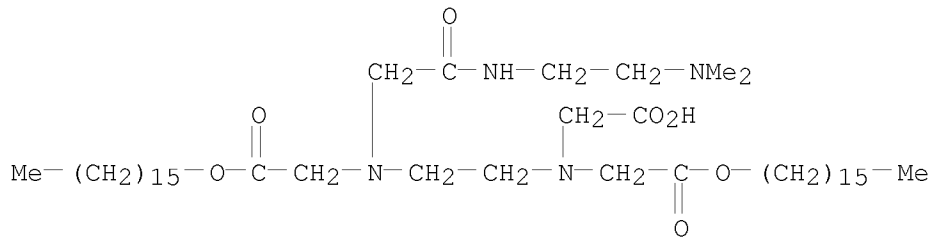
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2000045856	A2	20000810	WO 2000-US2620	20000202
WO 2000045856	A3	20010215		
W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW				
RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
US 6521211	B1	20030218	US 1999-243640	19990203
CA 2362200	A1	20000810	CA 2000-2362200	20000202
EP 1146911	A2	20011024	EP 2000-914480	20000202
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
AU 777304	B2	20041007	AU 2000-35866	20000202
AU 2005200059	A1	20050203	AU 2005-200059	20050107
PRIORITY APPLN. INFO.:			US 1999-243640	A 19990203
			US 1995-497684	B2 19950607
			US 1996-640464	B2 19960501
			US 1996-660032	B2 19960606
			US 1998-73913P	P 19980206
			US 1998-218660	A2 19981222
			WO 2000-US2620	W 20000202

# ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT

IT 56309-86-5P 186750-15-2P  
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)  
 (ultrasound imaging and treatment with targeted compns.)  
 RN 56309-86-5 CAPLUS  
 CN Glycine, N,N'-1,2-ethanediylbis[N-(carboxymethyl)-, 1,1'-dihexadecyl ester (CA INDEX NAME)



RN 186750-15-2 CAPLUS  
 CN 2,5,8,11-Tetraazatridecan-13-oic acid,  
 11-(carboxymethyl)-8-[2-(hexadecyloxy)-2-oxoethyl]-2-methyl-6-oxo-,  
 13-hexadecyl ester (CA INDEX NAME)

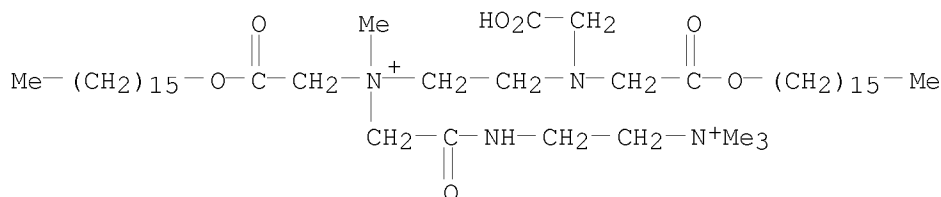


IT 186750-14-1P  
 RL: SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological

study); PREP (Preparation); USES (Uses)  
(ultrasound imaging and treatment with targeted compns.)

RN 186750-14-1 CAPLUS

CN 12-Oxa-3,9-diaza-6-azoniaoctacosan-1-aminium,  
9-(carboxymethyl)-6-[2-(hexadecyloxy)-2-oxoethyl]-N,N,N,6-tetramethyl-4,11-  
dioxo-, iodide (1:2) (CA INDEX NAME)



● 2 I<sup>-</sup>

OS.CITING REF COUNT: 6 THERE ARE 6 CAPLUS RECORDS THAT CITE THIS RECORD  
(6 CITINGS)

REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 553 OF 1480 CAPLUS COPYRIGHT 2011 ACS on STN

ACCESSION NUMBER: 2000:534982 CAPLUS

DOCUMENT NUMBER: 133:140266

TITLE: Therapeutic compositions containing glutathione  
analogues

INVENTOR(S): Redelmeier, Thomas; Kauvar, Lawrence M.; Lum, Robert  
T.; Lyttle, Matthew H.; Macsata, Robert W.; Schow,  
Steven R.; Villar, Hugo O.; Kozlowski, Michael R.

PATENT ASSIGNEE(S): Telik, Inc., USA

SOURCE: PCT Int. Appl., 46 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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WO 2000044366	A2	20000803	WO 2000-US2297	20000127
WO 2000044366	A3	20001221		
W:	AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW			
RW:	GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
CA 2360795	A1	20000803	CA 2000-2360795	20000127
CA 2360795	C	20100323		
EP 1143992	A2	20011017	EP 2000-908420	20000127
EP 1143992	B1	20050112		
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, IE, SI, LT, LV, FI, RO			
JP 2002535359	T	20021022	JP 2000-595670	20000127
AU 778340	B2	20041202	AU 2000-29767	20000127

AT 286741	T	20050115	AT 2000-908420	20000127
CN 1185008	C	20050119	CN 2000-804652	20000127
ES 2231159	T3	20050516	ES 2000-908420	20000127
PT 1143992	E	20050531	PT 2000-908420	20000127
KR 750842	B1	20070822	KR 2001-7009543	20010727
HK 1043310	A1	20051007	HK 2002-104871	20020628
JP 2007326877	A	20071220	JP 2007-229798	20070905
PRIORITY APPLN. INFO.:			US 1999-238530	A 19990127
			JP 2000-595670	A3 20000127
			WO 2000-US2297	W 20000127

OTHER SOURCE(S): MARPAT 133:140266

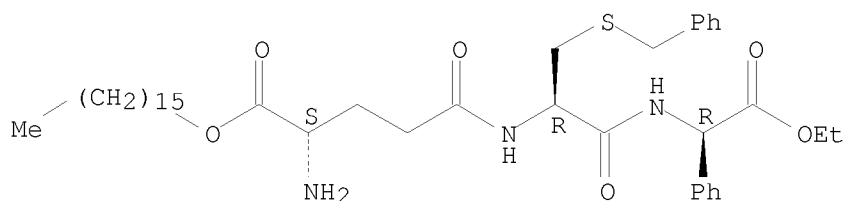
IT 247232-92-4P 286942-99-2P

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)  
(therapeutic compns. containing glutathione analogs)

RN 247232-92-4 CAPLUS

CN Glycine, L- $\gamma$ -glutamyl-S-(phenylmethyl)-L-cysteinyl-2-phenyl-, 3-ethyl 1-hexadecyl ester, monohydrochloride, (2R)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

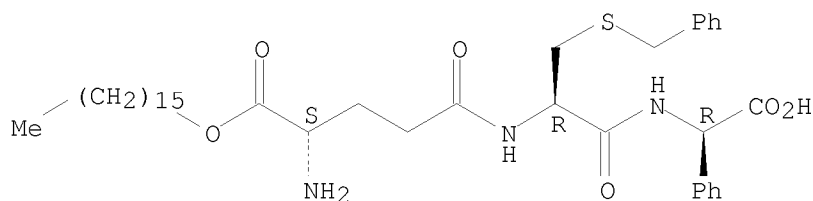


● HCl

RN 286942-99-2 CAPLUS

CN Glycine, L- $\gamma$ -glutamyl-S-(phenylmethyl)-L-cysteinyl-2-phenyl-, 1-hexadecyl ester, monohydrochloride, (2R)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



● HCl

OS.CITING REF COUNT: 2 THERE ARE 2 CAPLUS RECORDS THAT CITE THIS RECORD (2 CITINGS)

REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 554 OF 1480 CAPLUS COPYRIGHT 2011 ACS on STN

ACCESSION NUMBER: 2000:534958 CAPLUS

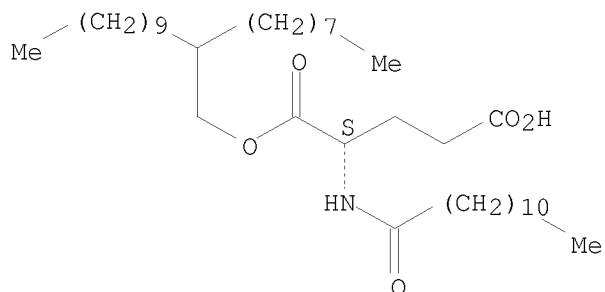
DOCUMENT NUMBER: 133:155146

TITLE: Compositions for external use containing zinc compounds to prevent skin damages  
 INVENTOR(S): Iwai, Ichiro; Hatao, Masato; Yagi, Eiichiro; Iwaki, Haruhi; Matsuzaki, Fumiaki  
 PATENT ASSIGNEE(S): Shiseido Company, Ltd., Japan  
 SOURCE: PCT Int. Appl., 63 pp.  
 CODEN: PIXXD2  
 DOCUMENT TYPE: Patent  
 LANGUAGE: Japanese  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2000044341	A1	20000803	WO 2000-JP401	20000127
W: AU, CN, KR, US				
RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
JP 2000219607	A	20000808	JP 1999-20489	19990128
EP 1145707	A1	20011017	EP 2000-901920	20000127
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI				
JP 2001270815	A	20011002	JP 2000-81895	20000323
PRIORITY APPLN. INFO.:			JP 1999-20489	A 19990128
			JP 1999-81643	A 19990325
			JP 2000-10787	A 20000119
			WO 2000-JP401	W 20000127

IT 137728-32-6  
 RL: BUU (Biological use, unclassified); THU (Therapeutic use); BIOL (Biological study); USES (Uses)  
 (skin preps. containing zinc compds. and thiols and polar oils to prevent skin damages)  
 RN 137728-32-6 CAPLUS  
 CN L-Glutamic acid, N-(1-oxododecyl)-, 1-(2-octyldodecyl) ester (CA INDEX NAME)

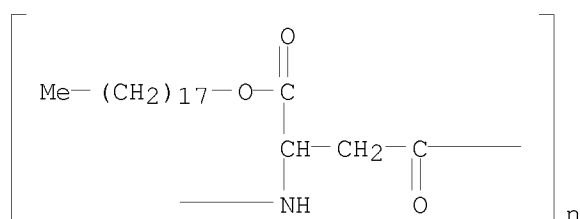
Absolute stereochemistry.



OS.CITING REF COUNT: 4 THERE ARE 4 CAPLUS RECORDS THAT CITE THIS RECORD (7 CITINGS)  
 REFERENCE COUNT: 9 THERE ARE 9 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 555 OF 1480 CAPLUS COPYRIGHT 2011 ACS on STN  
 ACCESSION NUMBER: 2000:526140 CAPLUS  
 DOCUMENT NUMBER: 133:252834  
 TITLE: Synthesis and structure of random and block copoly( $\beta$ ,L-aspartate)s containing short and long alkyl side chains  
 AUTHOR(S): Ramirez, R.; Morillo, M.; Arnal, M. L.;

Lopez-Carrasquero, F.; Martinez de Ilarduya, A.;  
 Munoz-Guerra, S.  
 CORPORATE SOURCE: Facultad de Ciencias, Departamento de Quimica, Grupo  
 de Polimeros, Universidad de Los Andes, Merida, Venez.  
 SOURCE: Polymer (2000), 41(24), 8475-8486  
 CODEN: POLMAG; ISSN: 0032-3861  
 PUBLISHER: Elsevier Science Ltd.  
 DOCUMENT TYPE: Journal  
 LANGUAGE: English  
 IT 159433-23-5P  
 RL: PRP (Properties); SPN (Synthetic preparation); PREP (Preparation)  
 (synthesis and structure of random and block poly( $\beta$ ,L-aspartate)s  
 containing short and long alkyl side chains)  
 RN 159433-23-5 CAPLUS  
 CN Poly[imino[(1S)-1-[(octadecyloxy)carbonyl]-3-oxo-1,3-propanediyl]] (CA  
 INDEX NAME)



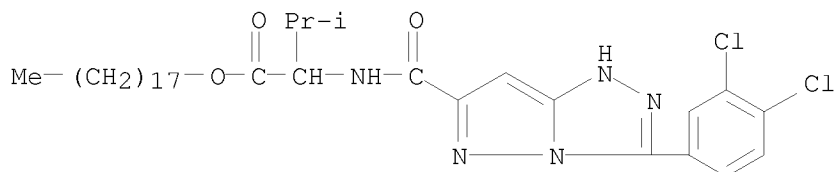
OS.CITING REF COUNT: 5 THERE ARE 5 CAPLUS RECORDS THAT CITE THIS RECORD  
 (5 CITINGS)  
 REFERENCE COUNT: 42 THERE ARE 42 CITED REFERENCES AVAILABLE FOR THIS  
 RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 556 OF 1480 CAPLUS COPYRIGHT 2011 ACS on STN  
 ACCESSION NUMBER: 2000:511213 CAPLUS  
 DOCUMENT NUMBER: 134:168014  
 TITLE: Biologically active peptides: From a laboratory bench  
 curiosity to a functional skin care product  
 AUTHOR(S): Lintner, K.; Peschard, O.  
 CORPORATE SOURCE: Le Perray en Yvelines, Sederma SA, F-78610, Fr.  
 SOURCE: International Journal of Cosmetic Science (2000),  
 22(3), 207-218  
 CODEN: IJCMDW; ISSN: 0142-5463  
 PUBLISHER: Blackwell Science Ltd.  
 DOCUMENT TYPE: Journal  
 LANGUAGE: English  
 IT 196604-48-5  
 RL: BAC (Biological activity or effector, except adverse); BPR (Biological  
 process); BSU (Biological study, unclassified); BUU (Biological use,  
 unclassified); BIOL (Biological study); PROC (Process); USES (Uses)  
 (biol. active peptides for skin care cosmetics)  
 RN 196604-48-5 CAPLUS  
 CN L-Arginine, N-acetyl-L-tyrosyl-, hexadecyl ester (CA INDEX NAME)  
 OS.CITING REF COUNT: 14 THERE ARE 14 CAPLUS RECORDS THAT CITE THIS  
 RECORD (14 CITINGS)  
 REFERENCE COUNT: 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS  
 RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 557 OF 1480 CAPLUS COPYRIGHT 2011 ACS on STN  
 ACCESSION NUMBER: 2000:484357 CAPLUS  
 DOCUMENT NUMBER: 133:112355  
 TITLE: Silver halide color photographic material with

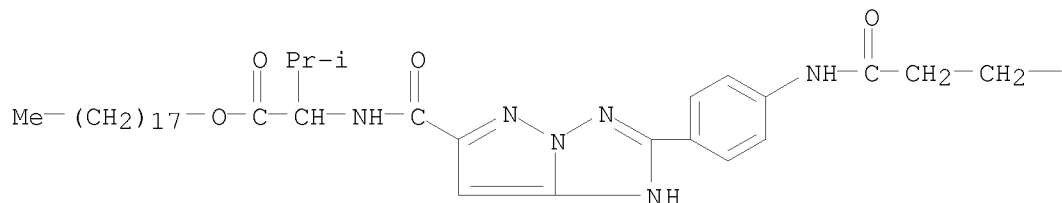
INVENTOR(S): excellent color reproduction and reduced fog  
 Ishidai, Hiroshi; Tanaka, Shigeo  
 PATENT ASSIGNEE(S): Konica Co., Japan  
 SOURCE: Jpn. Kokai Tokkyo Koho, 65 pp.  
 CODEN: JKXXAF  
 DOCUMENT TYPE: Patent  
 LANGUAGE: Japanese  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2000199946	A	20000718	JP 1998-377437	19981230
PRIORITY APPLN. INFO.:			JP 1998-377437	19981230
OTHER SOURCE(S): MARPAT 133:112355				
IT 209536-40-3		211428-02-3		
RL: DEV (Device component use); USES (Uses)				
(cyan coupler in Ag halide color photog. paper with excellent color reproduction and reduced fog)				
RN 209536-40-3	CAPLUS			
CN Valine, N-[[3-(3,4-dichlorophenyl)-1H-pyrazolo[5,1-c]-1,2,4-triazol-6-yl]carbonyl]-, octadecyl ester (CA INDEX NAME)				



RN 211428-02-3 CAPLUS  
 CN Valine, N-[[2-[4-[(3-carboxy-1-oxopropyl)amino]phenyl]-1H-pyrazolo[1,5-b][1,2,4]triazol-6-yl]carbonyl]-, 1-octadecyl ester (9CI) (CA INDEX NAME)

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PAGE 1-B

—CO<sub>2</sub>H

L3 ANSWER 558 OF 1480 CAPLUS COPYRIGHT 2011 ACS on STN  
 ACCESSION NUMBER: 2000:456727 CAPLUS  
 DOCUMENT NUMBER: 133:74326  
 TITLE: A method for preparing betaine alkyl ester mixture  
 INVENTOR(S): Terasaki, Hiroyuki; Fujiu, Akira; Fukuhara, Kazuhisa;

PATENT ASSIGNEE(S): Kitano, Yoshihisa  
 SOURCE: Kao Corporation, Japan  
 Eur. Pat. Appl., 11 pp.  
 CODEN: EPXXDW  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 1016650	A1	20000705	EP 1999-125507	19991221
EP 1016650	B1	20030305		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
JP 2000191460	A	20000711	JP 1998-373043	19981228
JP 3897923	B2	20070328		
US 6346259	B1	20020212	US 1999-458992	19991210
TW 555736	B	20031001	TW 1999-122752	19991223
CN 1263085	A	20000816	CN 1999-122943	19991228
CN 1159285	C	20040728		

PRIORITY APPLN. INFO.: JP 1998-373043 A 19981228

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT

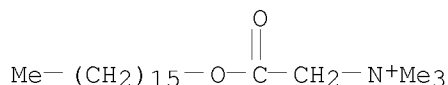
OTHER SOURCE(S): MARPAT 133:74326

IT 52132-48-6P 279675-86-4P

RL: BUU (Biological use, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)  
 (preparation of betaine alkyl ester mixture)

RN 52132-48-6 CAPLUS

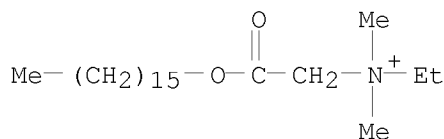
CN Ethanaminium, 2-(hexadecyloxy)-N,N,N-trimethyl-2-oxo-, chloride (1:1) (CA INDEX NAME)



● Cl<sup>-</sup>

RN 279675-86-4 CAPLUS

CN Ethanaminium, N-ethyl-2-(hexadecyloxy)-N,N-dimethyl-2-oxo-, chloride (1:1)  
 (CA INDEX NAME)



● Cl<sup>-</sup>

OS.CITING REF COUNT: 3 THERE ARE 3 CAPLUS RECORDS THAT CITE THIS RECORD (4 CITINGS)

REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS

## RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 559 OF 1480 CAPLUS COPYRIGHT 2011 ACS on STN  
 ACCESSION NUMBER: 2000:441598 CAPLUS  
 DOCUMENT NUMBER: 133:79334  
 TITLE: Therapeutic delivery using compounds self-assembled  
 into high axial ratio microstructures  
 INVENTOR(S): Yager, Paul; Gelb, Michael H.; Lukyanov, Anatoly N.;  
 Goldstein, Alex S.; Disis, Mary L.  
 PATENT ASSIGNEE(S): University of Washington, USA  
 SOURCE: PCT Int. Appl., 89 pp.  
 CODEN: PIXXD2  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 2  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2000037046	A1	20000629	WO 1999-US30931	19991221
W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW				
RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
US 6180114	B1	20010130	US 1998-219057	19981222
CA 2355696	A1	20000629	CA 1999-2355696	19991221
EP 1146855	A1	20011024	EP 1999-966656	19991221
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
PRIORITY APPLN. INFO.:			US 1998-219057	A 19981222
			US 1996-752848	A2 19961121
			US 1998-87179P	P 19980529
			WO 1999-US30931	W 19991221

## ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT

OTHER SOURCE(S): MARPAT 133:79334

IT 195736-16-4P

RL: PEP (Physical, engineering or chemical process); RCT (Reactant); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); PROC (Process); RACT (Reactant or reagent); USES (Uses)

(therapeutic delivery using compds. self-assembled into high axial ratio microstructures)

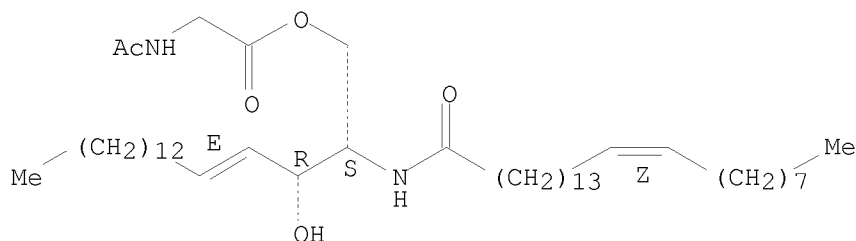
RN 195736-16-4 CAPLUS

CN Glycine, N-acetyl-, (2S,3R,4E)-3-hydroxy-2-[[ (15Z)-1-oxo-15-tetracosen-1-yl]amino]-4-octadecen-1-yl ester (CA INDEX NAME)

Absolute stereochemistry.

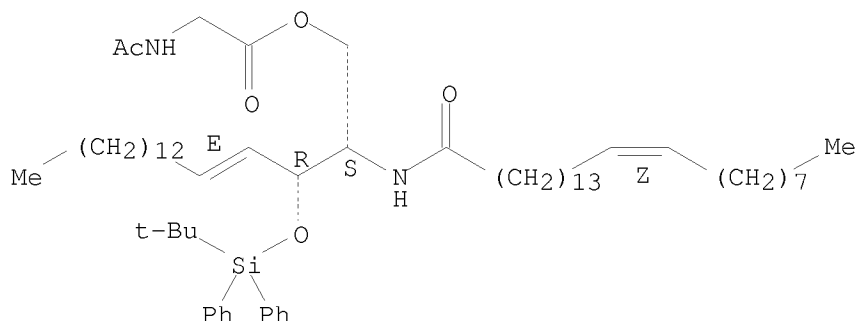
Double bond geometry as shown.





IT 195736-15-3P  
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT  
 (Reactant or reagent)  
 (therapeutic delivery using compds. self-assembled into high axial  
 ratio microstructures)  
 RN 195736-15-3 CAPLUS  
 CN Glycine, N-acetyl-, (2S,3R,4E)-3-[[[(1,1-dimethylethyl)diphenylsilyl]oxy]-2-  
 [[[(15Z)-1-oxo-15-tetracosen-1-yl]amino]-4-octadecen-1-yl ester (CA INDEX  
 NAME)

Absolute stereochemistry.  
 Double bond geometry as shown.

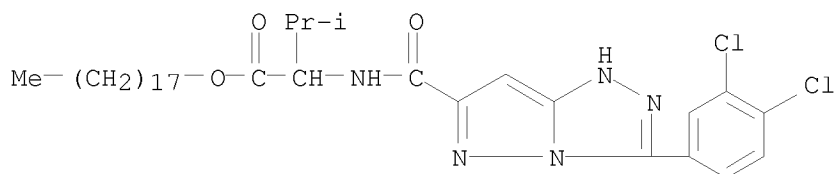


OS.CITING REF COUNT: 1 THERE ARE 1 CAPLUS RECORDS THAT CITE THIS RECORD  
 (1 CITINGS)  
 REFERENCE COUNT: 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS  
 RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 560 OF 1480 CAPLUS COPYRIGHT 2011 ACS on STN  
 ACCESSION NUMBER: 2000:440242 CAPLUS  
 DOCUMENT NUMBER: 133:65917  
 TITLE: Silver halide photographic materials and formation of  
 color images  
 INVENTOR(S): Tanaka, Shigeo; Sasagawa, Masayuki  
 PATENT ASSIGNEE(S): Konica Co., Japan  
 SOURCE: Jpn. Kokai Tokkyo Koho, 54 pp.  
 CODEN: JKXXAF  
 DOCUMENT TYPE: Patent  
 LANGUAGE: Japanese  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2000181030	A	20000630	JP 1998-362803	19981221
PRIORITY APPLN. INFO.:			JP 1998-362803	19981221
OTHER SOURCE(S):	MARPAT	133:65917		

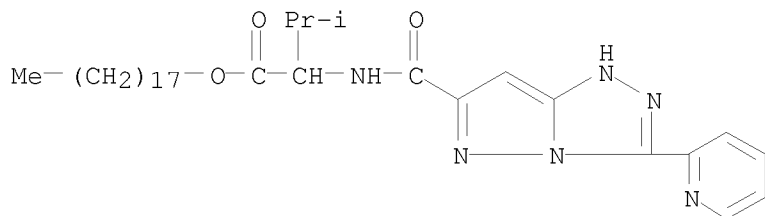
IT 209536-40-3  
 RL: DEV (Device component use); USES (Uses)  
 (cyan couplers; photog. materials with controlled gelatin amount for  
 formation of color images)  
 RN 209536-40-3 CAPLUS  
 CN Valine, N-[[3-(3,4-dichlorophenyl)-1H-pyrazolo[5,1-c]-1,2,4-triazol-6-  
 yl]carbonyl]-, octadecyl ester (CA INDEX NAME)



L3 ANSWER 561 OF 1480 CAPLUS COPYRIGHT 2011 ACS on STN  
 ACCESSION NUMBER: 2000:418041 CAPLUS  
 DOCUMENT NUMBER: 133:65902  
 TITLE: Silver halide photographic material, its image  
 formation, processing of the material  
 INVENTOR(S): Honda, Mari; Kita, Hiroshi; Hirabayashi, Shigeto  
 PATENT ASSIGNEE(S): Konica Co., Japan  
 SOURCE: Jpn. Kokai Tokkyo Koho, 68 pp.  
 CODEN: JKXXAF  
 DOCUMENT TYPE: Patent  
 LANGUAGE: Japanese  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2000171954	A	20000623	JP 1998-344292	19981203
PRIORITY APPLN. INFO.:			JP 1998-344292	19981203
OTHER SOURCE(S):	MARPAT 133:65902			

IT 276877-87-3  
 RL: DEV (Device component use); USES (Uses)  
 (coupler; photog. paper containing silver halide, coupler, hydrazine  
 developer, and metal oxide)  
 RN 276877-87-3 CAPLUS  
 CN Valine, N-[[3-(2-pyridinyl)-1H-pyrazolo[5,1-c]-1,2,4-triazol-6-  
 yl]carbonyl]-, octadecyl ester (CA INDEX NAME)



L3 ANSWER 562 OF 1480 CAPLUS COPYRIGHT 2011 ACS on STN  
 ACCESSION NUMBER: 2000:368071 CAPLUS  
 DOCUMENT NUMBER: 133:9131  
 TITLE: Delivery particles based on polyamino-acid(s) and  
 methods for preparing same

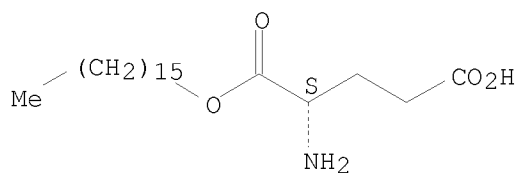
INVENTOR(S): Huille, Sylvain; Nicolas, Florence; Bryson, Nathan;  
 Soula, Gerard  
 PATENT ASSIGNEE(S): Flamel Technologies, Fr.  
 SOURCE: PCT Int. Appl., 30 pp.  
 CODEN: PIXXD2  
 DOCUMENT TYPE: Patent  
 LANGUAGE: French  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2000030618	A1	20000602	WO 1999-FR2859	19991119
W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW				
RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
FR 2786098	A1	20000526	FR 1998-14863	19981120
FR 2786098	B1	20030530		
AU 2000012780	A	20000613	AU 2000-12780	19991119
EP 1131056	A1	20010912	EP 1999-956102	19991119
EP 1131056	B1	20051019		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
JP 2002530323	T	20020917	JP 2000-583502	19991119
AT 306905	T	20051115	AT 1999-956102	19991119
ES 2251236	T3	20060416	ES 1999-956102	19991119
US 6630171	B1	20031007	US 2001-856378	20010706
PRIORITY APPLN. INFO.:			FR 1998-14863	A 19981120
			WO 1999-FR2859	W 19991119

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT

IT 271592-23-5P  
 RL: SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)  
 (delivery particles based on polyamino-acid(s) and methods for preparing same)  
 RN 271592-23-5 CAPLUS  
 CN L-Glutamic acid, polymer with 1-hexadecyl hydrogen L-glutamate, sodium salt (9CI) (CA INDEX NAME)  
 CM 1  
 CRN 271592-22-4  
 CMF (C21 H41 N O4 . C5 H9 N O4)x  
 CCI PMS  
 CM 2  
 CRN 107814-59-5  
 CMF C21 H41 N O4

Absolute stereochemistry.

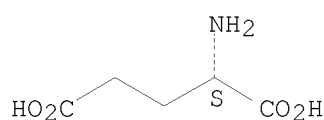


CM 3

CRN 56-86-0

CMF C5 H9 N O4

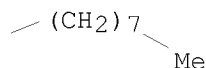
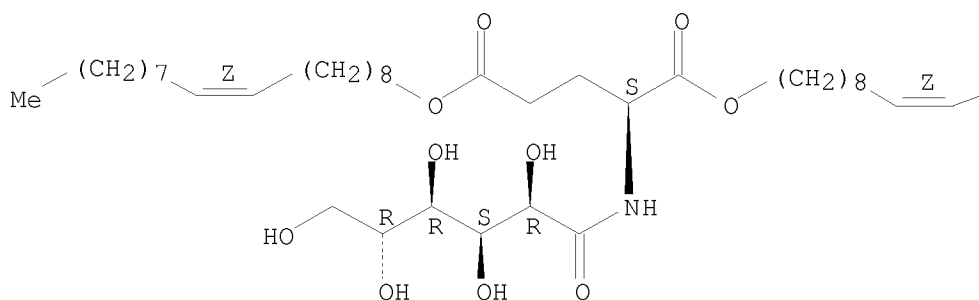
Absolute stereochemistry.



OS.CITING REF COUNT: 18 THERE ARE 18 CAPLUS RECORDS THAT CITE THIS  
RECORD (21 CITINGS)  
REFERENCE COUNT: 1 THERE ARE 1 CITED REFERENCES AVAILABLE FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 563 OF 1480 CAPLUS COPYRIGHT 2011 ACS on STN  
ACCESSION NUMBER: 2000:350479 CAPLUS  
DOCUMENT NUMBER: 133:146760  
TITLE: Characterization and catalytic property of  
surfactant-laccase complex in organic media  
AUTHOR(S): Okazaki, Shinya; Goto, Masahiro; Wariishi, Hiroyuki;  
Tanaka, Hiroo; Furusaki, Shintaro  
CORPORATE SOURCE: Department of Chemical Systems Engineering Graduate  
School of Engineering and Department of Biological  
Resources and Environment, Kyushu University, Fukuoka,  
812-8581, Japan  
SOURCE: Biotechnology Progress (2000), 16(4), 583-588  
CODEN: BIPRET; ISSN: 8756-7938  
PUBLISHER: American Chemical Society  
DOCUMENT TYPE: Journal  
LANGUAGE: English  
IT 194083-70-0DP, laccase complexes  
RL: BAC (Biological activity or effector, except adverse); BSU (Biological  
study, unclassified); CAT (Catalyst use); PRP (Properties); SPN (Synthetic  
preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)  
(characterization and catalytic property of surfactant-laccase complex  
in organic media)  
RN 194083-70-0 CAPLUS  
CN L-Glutamic acid, N-D-gluconoyl-, di-(9Z)-9-octadecenyl ester (9CI) (CA  
INDEX NAME)

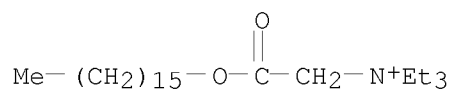
Absolute stereochemistry.  
Double bond geometry as shown.



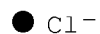
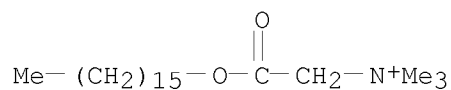
OS.CITING REF COUNT: 17 THERE ARE 17 CAPLUS RECORDS THAT CITE THIS  
RECORD (17 CITINGS)  
REFERENCE COUNT: 30 THERE ARE 30 CITED REFERENCES AVAILABLE FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 564 OF 1480 CAPLUS COPYRIGHT 2011 ACS on STN  
ACCESSION NUMBER: 2000:344433 CAPLUS  
DOCUMENT NUMBER: 132:352502  
TITLE: Hair preparations containing biodegradable cationic  
surfactants, higher alcohols, and silicones  
INVENTOR(S): Terasaki, Hiroyuki; Fujii, Akira; Nishiyama, Naohiro;  
Yamane, Eishi; Fukuhara, Kazuhisa; Onizuka, Satoshi  
PATENT ASSIGNEE(S): Kao Corp., Japan  
SOURCE: Jpn. Kokai Tokkyo Koho, 8 pp.  
CODEN: JKXXAF  
DOCUMENT TYPE: Patent  
LANGUAGE: Japanese  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

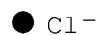
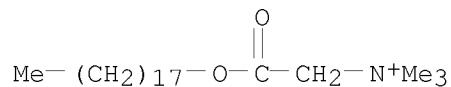
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2000143458	A	20000523	JP 1998-320373	19981111
PRIORITY APPLN. INFO.:			JP 1998-320373	19981111
OTHER SOURCE(S):	MARPAT 132:352502			
IT 38252-42-5	52132-48-6	75163-83-6		
270064-03-4				
RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses) (hair preps. containing biodegradable cationic surfactants, higher alcs., and silicones)				
RN 38252-42-5	CAPLUS			
CN	Ethanaminium, N,N,N-triethyl-2-(hexadecyloxy)-2-oxo-, chloride (1:1) (CA INDEX NAME)			



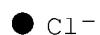
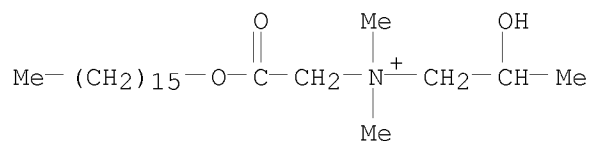
RN 52132-48-6 CAPLUS  
 CN Ethanaminium, 2-(hexadecyloxy)-N,N,N-trimethyl-2-oxo-, chloride (1:1) (CA INDEX NAME)



RN 75163-83-6 CAPLUS  
 CN Ethanaminium, N,N,N-trimethyl-2-(octadecyloxy)-2-oxo-, chloride (1:1) (CA INDEX NAME)



RN 270064-03-4 CAPLUS  
 CN 1-Propanaminium, N-[2-(hexadecyloxy)-2-oxoethyl]-2-hydroxy-N,N-dimethyl-, chloride (1:1) (CA INDEX NAME)

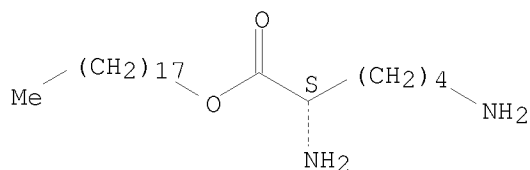


L3 ANSWER 565 OF 1480 CAPLUS COPYRIGHT 2011 ACS on STN  
 ACCESSION NUMBER: 2000:302097 CAPLUS  
 DOCUMENT NUMBER: 132:339047  
 TITLE: Skin conditioners containing lysine derivatives

INVENTOR(S): Suetsugu, Masaru; Yoshida, Yuzo  
 PATENT ASSIGNEE(S): Shiseido Co., Ltd., Japan  
 SOURCE: Jpn. Kokai Tokkyo Koho, 14 pp.  
 CODEN: JKXXAF  
 DOCUMENT TYPE: Patent  
 LANGUAGE: Japanese  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2000128726	A	20000509	JP 1998-316907	19981019
JP 3962166	B2	20070822		
PRIORITY APPLN. INFO.:			JP 1998-316907	19981019
OTHER SOURCE(S):	MARPAT 132:339047			
IT 3392-26-5				
RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)	(skin conditioners containing lysine amides, esters, or lactam against troubles due to environmental changes, UV radiation, and aging)			
RN 3392-26-5 CAPLUS				
CN L-Lysine, octadecyl ester, dihydrochloride (9CI) (CA INDEX NAME)				

Absolute stereochemistry.



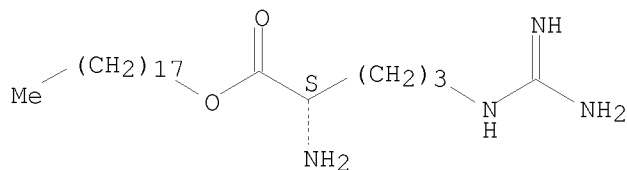
● 2 HCl

L3 ANSWER 566 OF 1480 CAPLUS COPYRIGHT 2011 ACS on STN  
 ACCESSION NUMBER: 2000:300768 CAPLUS  
 DOCUMENT NUMBER: 132:325831  
 TITLE: Skin conditioners containing arginine derivatives  
 INVENTOR(S): Suetsugu, Masaru; Yoshida, Yuzo  
 PATENT ASSIGNEE(S): Shiseido Co., Ltd., Japan  
 SOURCE: Jpn. Kokai Tokkyo Koho, 14 pp.  
 CODEN: JKXXAF  
 DOCUMENT TYPE: Patent  
 LANGUAGE: Japanese  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2000128725	A	20000509	JP 1998-316906	19981019
PRIORITY APPLN. INFO.:			JP 1998-316906	19981019
OTHER SOURCE(S):	MARPAT 132:325831			
IT 266355-44-6				
RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)	(skin conditioners containing arginine amides or esters against troubles due to seasonal changes, UV radiation, and aging)			
RN 266355-44-6 CAPLUS				

CN L-Arginine, octadecyl ester, dihydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.



● 2 HCl

OS.CITING REF COUNT: 1 THERE ARE 1 CAPLUS RECORDS THAT CITE THIS RECORD  
(1 CITINGS)

L3 ANSWER 567 OF 1480 CAPLUS COPYRIGHT 2011 ACS on STN

ACCESSION NUMBER: 2000:277163 CAPLUS

DOCUMENT NUMBER: 132:339903

TITLE: A novel extraction and separation method of rare earth metals utilizing an oil-soluble complexing agent

AUTHOR(S): Kubota, Fukiko; Miyake, Yuji; Goto, Masahiro;

CORPORATE SOURCE: Furusaki, Shintaro; Hano, Tadashi; Nakashio, Fumiyuki  
Department of Chemical Systems & Engineering, Graduate School of Engineering, Kyushu University, Fukuoka, 812-8581, Japan

SOURCE: Solvent Extraction Research and Development, Japan (2000), 7, 139-151

CODEN: SERDEK; ISSN: 1341-7215

PUBLISHER: Japanese Association of Solvent Extraction

DOCUMENT TYPE: Journal

LANGUAGE: English

IT 108779-63-1, L-Glutamic acid dioleoyl ester ribitol

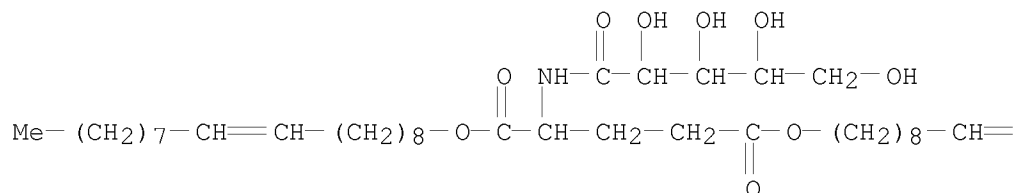
RL: MOA (Modifier or additive use); PEP (Physical, engineering or chemical process); PROC (Process); USES (Uses)

(extraction and separation of rare earth metals in toluene-PC88A system with EDTA-N,N'-dioleoyl amide as synergist in comparison with systems with surfactants)

RN 108779-63-1 CAPLUS

CN L-Glutamic acid, N-D-ribonoyl-, 1,4-di-(9Z)-9-octadecen-1-yl ester (CA INDEX NAME)

PAGE 1-A

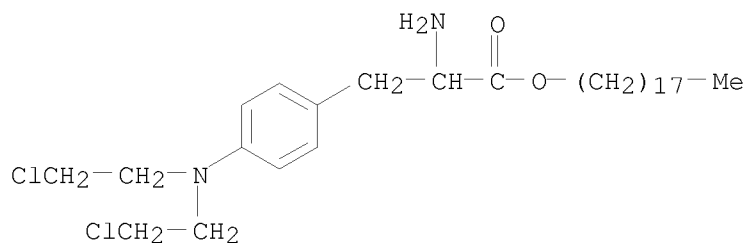






OS.CITING REF COUNT: 2 THERE ARE 2 CAPLUS RECORDS THAT CITE THIS RECORD (2 CITINGS)  
 REFERENCE COUNT: 11 THERE ARE 11 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 568 OF 1480 CAPLUS COPYRIGHT 2011 ACS on STN  
 ACCESSION NUMBER: 2000:273251 CAPLUS  
 DOCUMENT NUMBER: 133:355112  
 TITLE: Antitumor activity of cytotoxic liposomes equipped with selectin ligand SiaLeX, in a mouse mammary adenocarcinoma model  
 AUTHOR(S): Vodovozova, E. L.; Moiseeva, E. V.; Grechko, G. K.; Gayenko, G. P.; Nifant'ev, N. E.; Bovin, N. V.; Molotkovsky, J. G.  
 CORPORATE SOURCE: Shemyakin-Ovchinnikov Institute of Bioorganic Chemistry, Russian Academy of Sciences, Moscow, Russia  
 SOURCE: European Journal of Cancer (2000), 36(7), 942-949  
 CODEN: EJCAEL; ISSN: 0959-8049  
 PUBLISHER: Elsevier Science Ltd.  
 DOCUMENT TYPE: Journal  
 LANGUAGE: English  
 IT 304901-34-6  
 RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); RCT (Reactant); THU (Therapeutic use); BIOL (Biological study); RACT (Reactant or reagent); USES (Uses)  
 (antitumor activity of cytotoxic liposomes equipped with selectin ligand SiaLeX, in a mouse mammary adenocarcinoma model)  
 RN 304901-34-6 CAPLUS  
 CN Phenylalanine, 4-[bis(2-chloroethyl)amino]-, octadecyl ester (CA INDEX NAME)



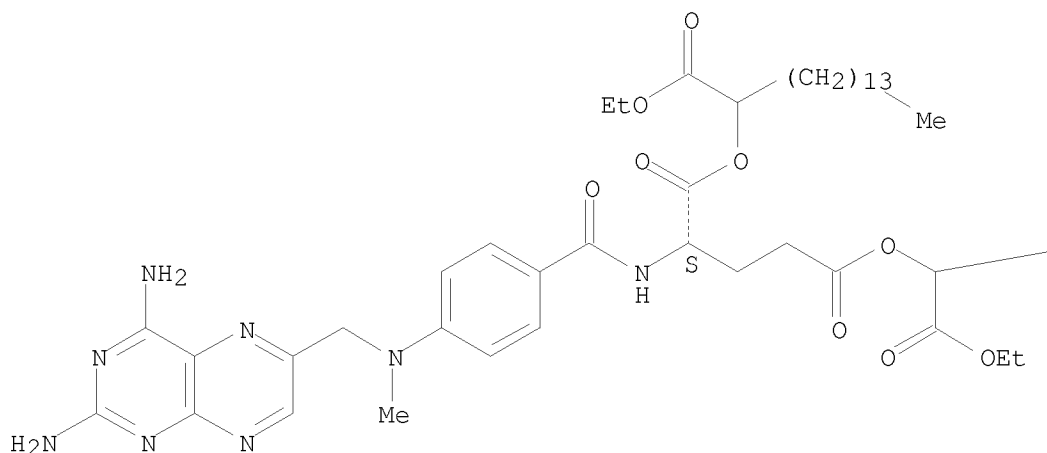
OS.CITING REF COUNT: 27 THERE ARE 27 CAPLUS RECORDS THAT CITE THIS RECORD (27 CITINGS)  
 REFERENCE COUNT: 33 THERE ARE 33 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 569 OF 1480 CAPLUS COPYRIGHT 2011 ACS on STN  
 ACCESSION NUMBER: 2000:237725 CAPLUS  
 DOCUMENT NUMBER: 133:129576  
 TITLE: Lipophilic methotrexate conjugates with antitumor

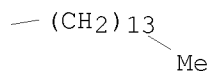
activity  
AUTHOR(S): Pignatello, R.; Spampinato, G.; Sorrenti, V.; Di  
Giacomo, C.; Vicari, L.; McGuire, J. J.; Russell, C.  
A.; Puglisi, G.; Toth, I.  
CORPORATE SOURCE: School of Pharmacy, Department of Pharmaceutical and  
Biological Chemistry, University of London, London,  
WC1 N 1AX, UK  
SOURCE: European Journal of Pharmaceutical Sciences (2000),  
10(3), 237-245  
CODEN: EPSCED; ISSN: 0928-0987  
PUBLISHER: Elsevier Science Ireland Ltd.  
DOCUMENT TYPE: Journal  
LANGUAGE: English  
IT 286404-48-6P  
RL: SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological  
study); PREP (Preparation); USES (Uses)  
(lipophilic methotrexate conjugates with antitumor activity)  
RN 286404-48-6 CAPLUS  
CN L-Glutamic acid, N-[4-[(2,4-diamino-6-  
pteridiny]methyl)methylamino]benzoyl]-, bis[1-(ethoxycarbonyl)pentadecyl]  
ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.

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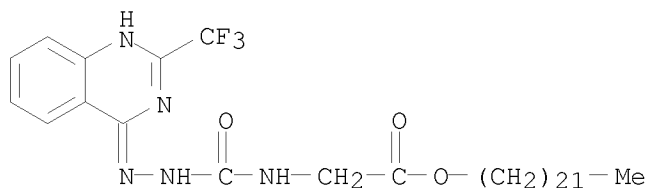
OS.CITING REF COUNT: 26 THERE ARE 26 CAPLUS RECORDS THAT CITE THIS  
RECORD (26 CITINGS)

REFERENCE COUNT: 26 THERE ARE 26 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

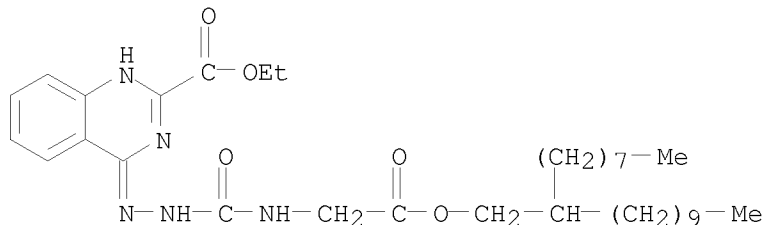
L3 ANSWER 570 OF 1480 CAPLUS COPYRIGHT 2011 ACS on STN  
ACCESSION NUMBER: 2000:223713 CAPLUS  
DOCUMENT NUMBER: 132:243905  
TITLE: Silver halide photographic material containing developing agent  
INVENTOR(S): Nakamine, Takeshi; Azuma, Yasushi  
PATENT ASSIGNEE(S): Fuji Photo Film Co., Ltd., Japan  
SOURCE: Jpn. Kokai Tokkyo Koho, 40 pp.  
CODEN: JKXXAF  
DOCUMENT TYPE: Patent  
LANGUAGE: Japanese  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
-----	---	-----	-----	-----
JP 2000098561	A	20000407	JP 1998-272781	19980928

PRIORITY APPLN. INFO.: JP 1998-272781 19980928  
OTHER SOURCE(S): MARPAT 132:243905  
IT 261905-33-3 261905-35-5  
RL: DEV (Device component use); USES (Uses)  
(developing agent in Ag halide photog. material)  
RN 261905-33-3 CAPLUS  
CN Glycine, N-[[2-[2-(trifluoromethyl)-4-quinazolinyl]hydrazino]carbonyl]-, docosyl ester (9CI) (CA INDEX NAME)



RN 261905-35-5 CAPLUS  
CN 2-Quinazolinecarboxylic acid, 4-[2-[[[2-[(2-octyldodecyl)oxy]-2-oxoethyl]amino]carbonyl]hydrazinyl]-, ethyl ester (CA INDEX NAME)

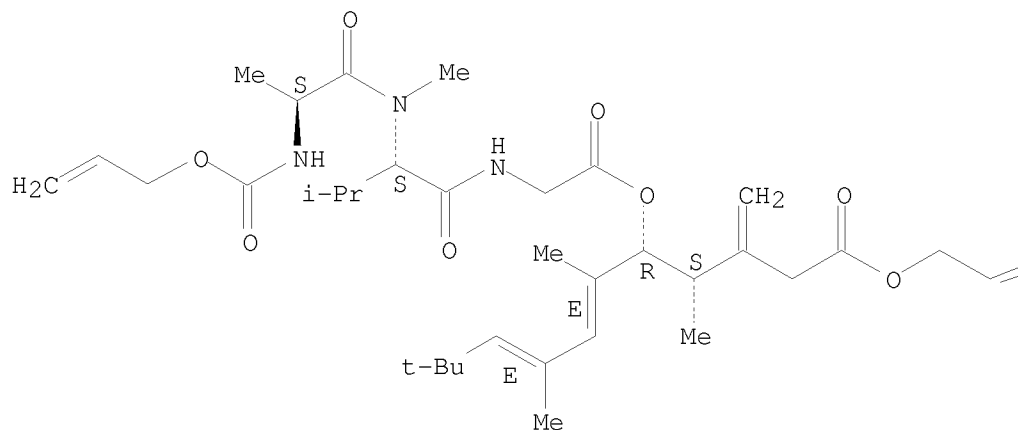


L3 ANSWER 571 OF 1480 CAPLUS COPYRIGHT 2011 ACS on STN  
ACCESSION NUMBER: 2000:223584 CAPLUS  
DOCUMENT NUMBER: 133:17792  
TITLE: Total synthesis and revision of absolute stereochemistry of antillatoxin, an ichthyotoxic cyclic lipopeptide from marine cyanobacterium *Lyngbya majuscula*

AUTHOR(S): Yokokawa, Fumiaki; Fujiwara, Hideyasu; Shioiri, Takayuki  
 CORPORATE SOURCE: Faculty of Pharmaceutical Sciences, Nagoya City University, Nagoya, 467-8603, Japan  
 SOURCE: Tetrahedron (2000), 56(12), 1759-1775  
 CODEN: TETRAB; ISSN: 0040-4020  
 PUBLISHER: Elsevier Science Ltd.  
 DOCUMENT TYPE: Journal  
 LANGUAGE: English  
 OTHER SOURCE(S): CASREACT 133:17792  
 IT 218778-78-0P 222547-87-7P 222547-88-8P  
 272121-01-4P 272121-02-5P 272121-08-1P  
 272121-09-2P  
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)  
 (total synthesis and absolute stereochem. of antillatoxin, an ichthyotoxic cyclic lipopeptide from marine cyanobacterium *Lyngbya majuscula*)  
 RN 218778-78-0 CAPLUS  
 CN Glycine, N-[(2-propenyloxy)carbonyl]-L-alanyl-N-methyl-L-valyl-, (1R,2E,4E)-2,4,6,6-tetramethyl-1-[(1S)-1-methyl-2-methylene-4-oxo-4-(2-propenyloxy)butyl]-2,4-heptadienyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry. Rotation (-).  
 Double bond geometry as shown.

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PAGE 1-B

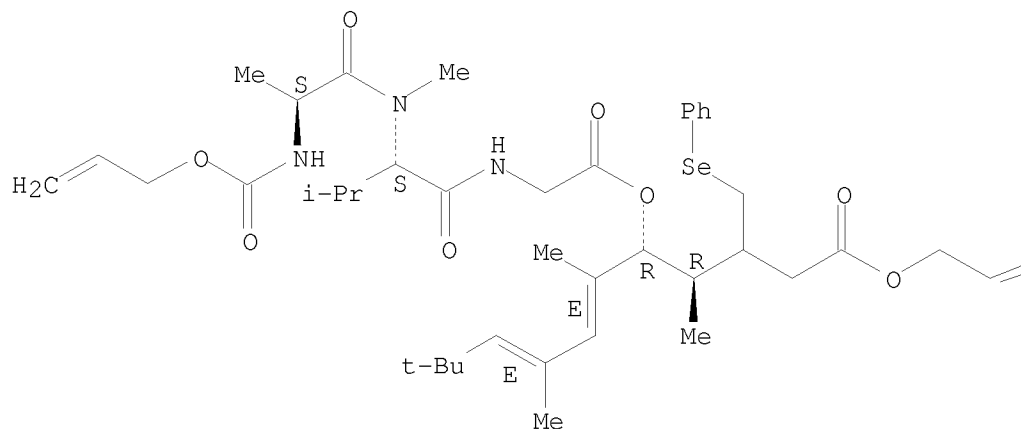


RN 222547-87-7 CAPLUS  
 CN Glycine, N-[(2-propenyloxy)carbonyl]-L-alanyl-N-methyl-L-valyl-,

(1R,2E,4E)-2,4,6,6-tetramethyl-1-[(1R)-1-methyl-4-oxo-2-  
 [(phenylseleno)methyl]-4-(2-propenyloxy)butyl]-2,4-heptadienyl ester (9CI)  
 (CA INDEX NAME)

Absolute stereochemistry.  
 Double bond geometry as shown.

PAGE 1-A

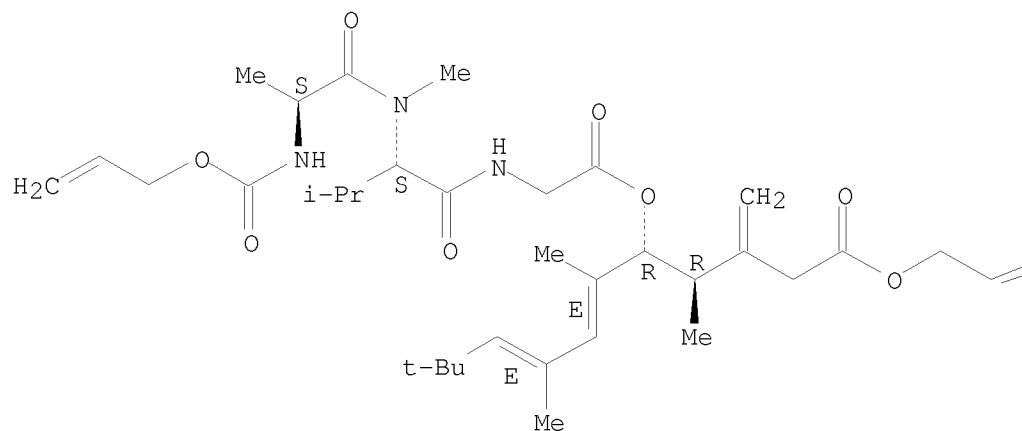


PAGE 1-B

=CH<sub>2</sub>

RN 222547-88-8 CAPLUS  
 CN Glycine, N-[(2-propenyloxy)carbonyl]-L-alanyl-N-methyl-L-valyl-,  
 (1R,2E,4E)-2,4,6,6-tetramethyl-1-[(1R)-1-methyl-2-methylene-4-oxo-4-(2-  
 propenyloxy)butyl]-2,4-heptadienyl ester (9CI) (CA INDEX NAME)

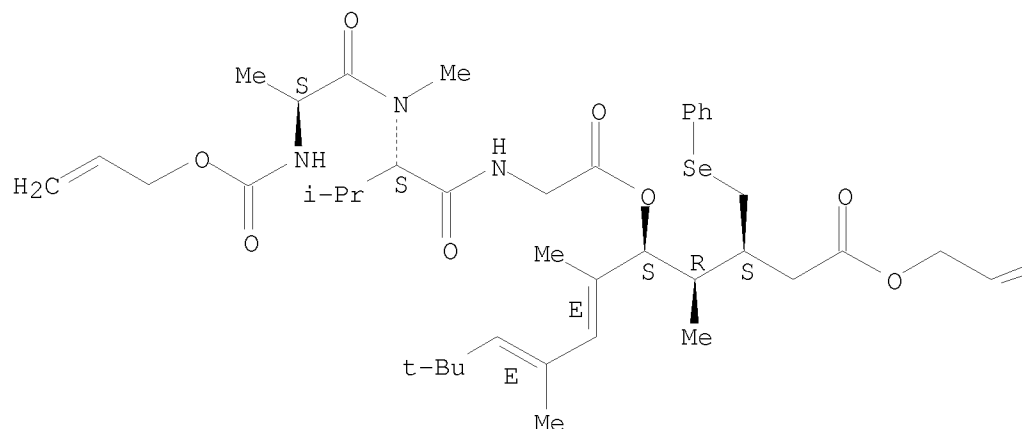
Absolute stereochemistry.  
 Double bond geometry as shown.



$\text{=CH}_2$

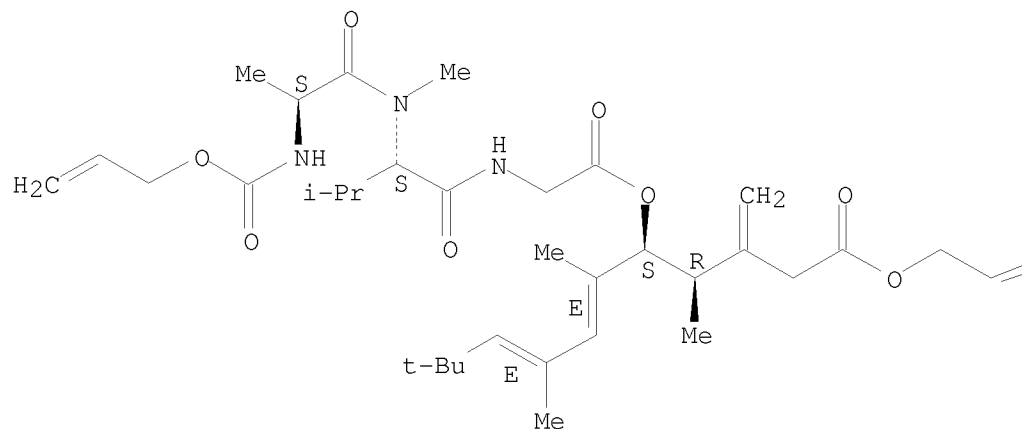
RN 272121-01-4 CAPLUS  
 CN Glycine, N-[(2-propenyloxy)carbonyl]-L-alanyl-N-methyl-L-valyl-,  
 (1S,2E,4E)-2,4,6,6-tetramethyl-1-[(1R,2S)-1-methyl-4-oxo-2-  
 [(phenylseleno)methyl]-4-(2-propenyloxy)butyl]-2,4-heptadienyl ester (9CI)  
 (CA INDEX NAME)

Absolute stereochemistry. Rotation (-).  
 Double bond geometry as shown.



RN 272121-02-5 CAPLUS  
 CN Glycine, N-[(2-propenyloxy)carbonyl]-L-alanyl-N-methyl-L-valyl-,  
 (1S,2E,4E)-2,4,6,6-tetramethyl-1-[(1R)-1-methyl-2-methylene-4-oxo-4-(2-  
 propenyloxy)butyl]-2,4-heptadienyl ester (9CI) (CA INDEX NAME)

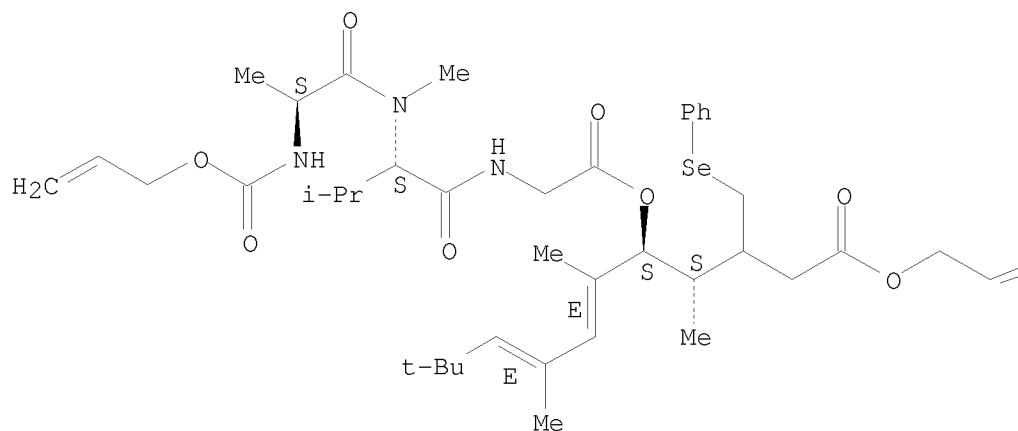
Absolute stereochemistry. Rotation (-).  
 Double bond geometry as shown.





RN 272121-08-1 CAPLUS  
 CN Glycine, N-[(2-propenyloxy)carbonyl]-L-alanyl-N-methyl-L-valyl-,  
 (1S,2E,4E)-2,4,6,6-tetramethyl-1-[(1S)-1-methyl-4-oxo-2-  
 [(phenylseleno)methyl]-4-(2-propenyloxy)butyl]-2,4-heptadienyl ester (9CI)  
 (CA INDEX NAME)

Absolute stereochemistry.  
 Double bond geometry as shown.



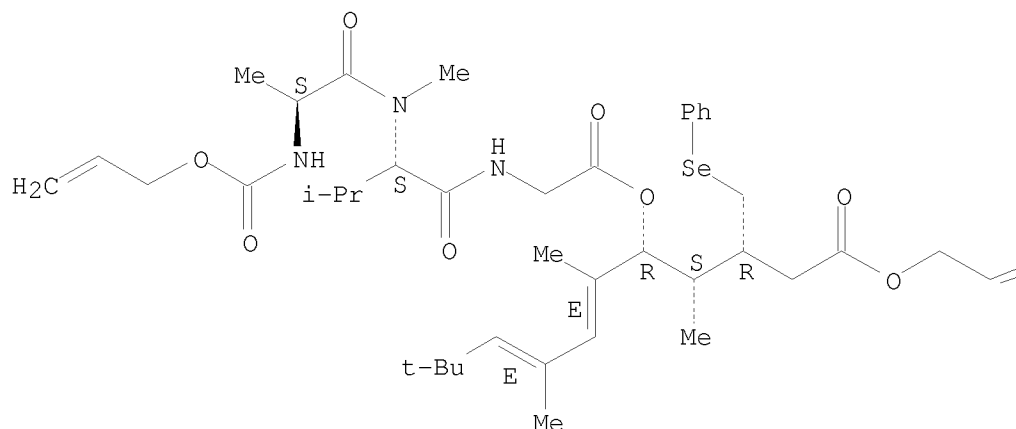
RN 272121-09-2 CAPLUS



Absolute stereochemistry. Rotation (-).  
Double bond geometry as shown.

C=CCOC(=O)N[C@@H](C)C(=O)N(C)C(=O)SC(=O)NC(=O)O[C@H](C)C(=O)C=C(C)C(=O)OCC=C $\text{CH}_2$ 

Absolute stereochemistry. Rotation (-).  
Double bond geometry as shown.



$\text{=CH}_2$

OS.CITING REF COUNT: 25 THERE ARE 25 CAPLUS RECORDS THAT CITE THIS RECORD (25 CITINGS)  
 REFERENCE COUNT: 44 THERE ARE 44 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 572 OF 1480 CAPLUS COPYRIGHT 2011 ACS on STN  
 ACCESSION NUMBER: 2000:190909 CAPLUS  
 DOCUMENT NUMBER: 132:231975  
 TITLE: Tryptophanyl esters and their N-acyl derivatives for the prevention and treatment of diseases caused or exacerbated by oxidative processes  
 INVENTOR(S): Behl, Christian; Moosmann, Bernd  
 PATENT ASSIGNEE(S): Max-Planck-Gesellschaft zur Foerderung der Wissenschaften e.V., Germany  
 SOURCE: PCT Int. Appl., 24 pp.  
 CODEN: PIXXD2  
 DOCUMENT TYPE: Patent  
 LANGUAGE: German  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2000015206	A2	20000323	WO 1999-EP6819	19990915
WO 2000015206	A3	20000810		
W: JP, US				

RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL,  
 PT, SE  
 DE 19842416 A1 20000413 DE 1998-19842416 19980916  
 EP 1113795 A2 20010711 EP 1999-947352 19990915  
 EP 1113795 B1 20050713  
 R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,  
 IE, FI  
 JP 2002524499 T 20020806 JP 2000-569790 19990915  
 AT 299373 T 20050715 AT 1999-947352 19990915  
 US 20010014695 A1 20010816 US 2001-810152 20010316  
 US 20040176436 A1 20040909 US 2004-788608 20040227  
 PRIORITY APPLN. INFO.: DE 1998-19842416 A 19980916  
 WO 1999-EP6819 W 19990915  
 US 2001-810152 B3 20010316

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT

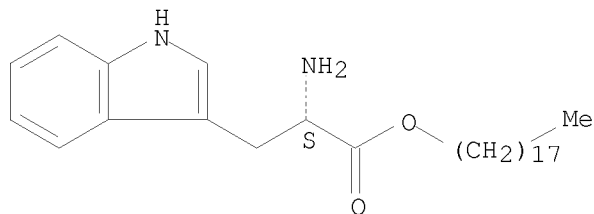
IT 150374-83-7 261734-51-4 261734-52-5  
 261734-53-6 261734-54-7 261734-55-8  
 261734-61-6 261734-62-7 261734-63-8  
 261734-64-9 261734-65-0 261734-66-1  
 261734-71-8 261734-72-9 261734-73-0  
 261734-74-1 261734-75-2 261734-76-3

RL: BAC (Biological activity or effector, except adverse); BSU (Biological  
 study, unclassified); THU (Therapeutic use); BIOL (Biological study); USES  
 (Uses)

(tryptophanyl esters and their N-acyl derivs. for prevention and  
 treatment of diseases caused or exacerbated by oxidative processes)

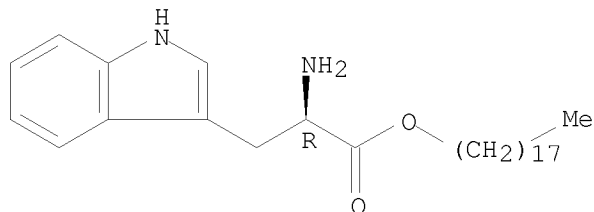
RN 150374-83-7 CAPLUS  
 CN L-Tryptophan, octadecyl ester (CA INDEX NAME)

Absolute stereochemistry.



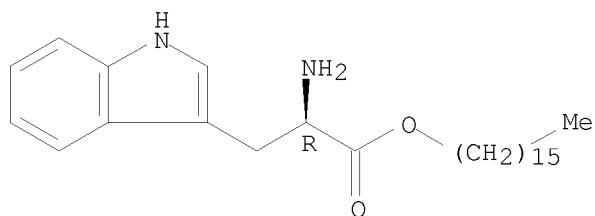
RN 261734-51-4 CAPLUS  
 CN D-Tryptophan, octadecyl ester (CA INDEX NAME)

Absolute stereochemistry.



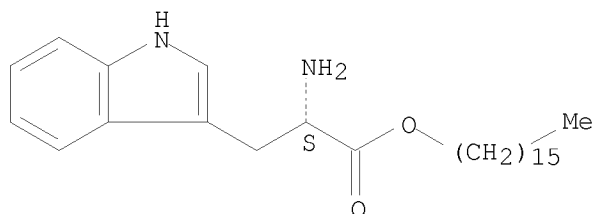
RN 261734-52-5 CAPLUS  
 CN D-Tryptophan, hexadecyl ester (CA INDEX NAME)

Absolute stereochemistry.



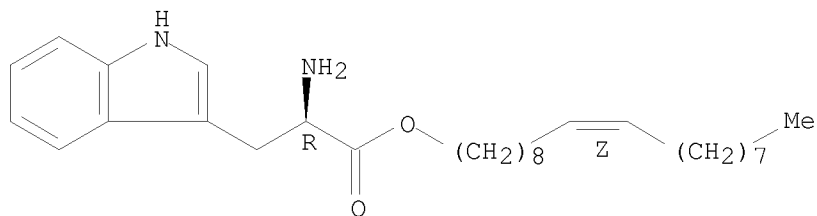
RN 261734-53-6 CAPLUS  
 CN L-Tryptophan, hexadecyl ester (CA INDEX NAME)

Absolute stereochemistry.



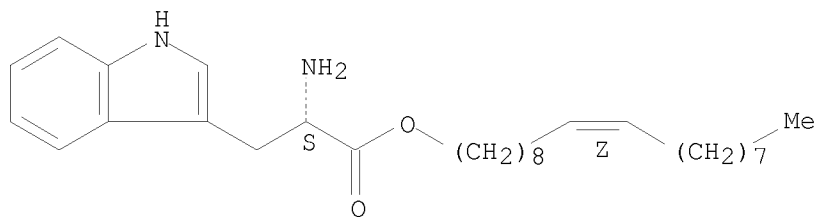
RN 261734-54-7 CAPLUS  
 CN D-Tryptophan, (9Z)-9-octadecen-1-yl ester (CA INDEX NAME)

Absolute stereochemistry.  
 Double bond geometry as shown.



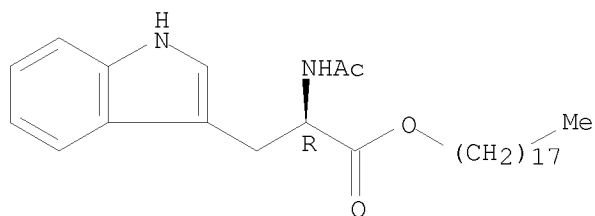
RN 261734-55-8 CAPLUS  
 CN L-Tryptophan, (9Z)-9-octadecen-1-yl ester (CA INDEX NAME)

Absolute stereochemistry.  
 Double bond geometry as shown.



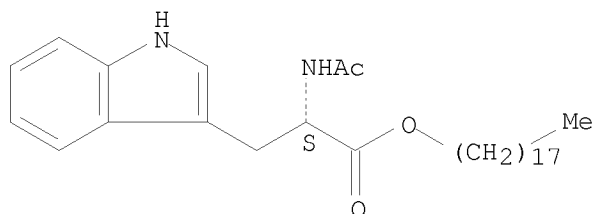
RN 261734-61-6 CAPLUS  
 CN D-Tryptophan, N-acetyl-, octadecyl ester (CA INDEX NAME)

Absolute stereochemistry.



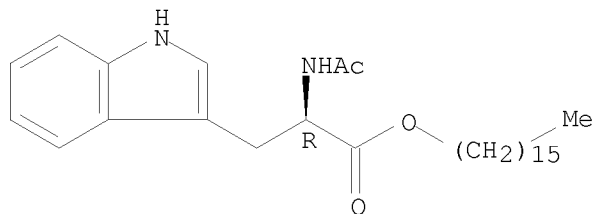
RN 261734-62-7 CAPLUS  
 CN L-Tryptophan, N-acetyl-, octadecyl ester (CA INDEX NAME)

Absolute stereochemistry.



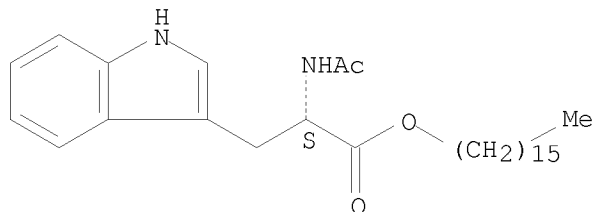
RN 261734-63-8 CAPLUS  
 CN D-Tryptophan, N-acetyl-, hexadecyl ester (CA INDEX NAME)

Absolute stereochemistry.



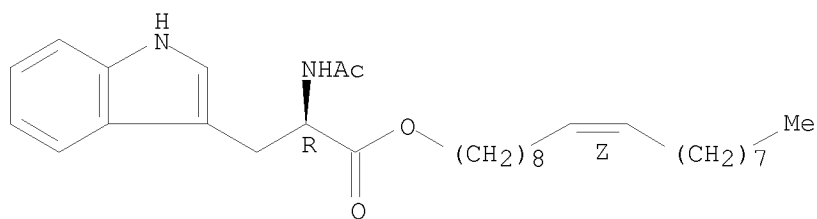
RN 261734-64-9 CAPLUS  
 CN L-Tryptophan, N-acetyl-, hexadecyl ester (CA INDEX NAME)

Absolute stereochemistry.



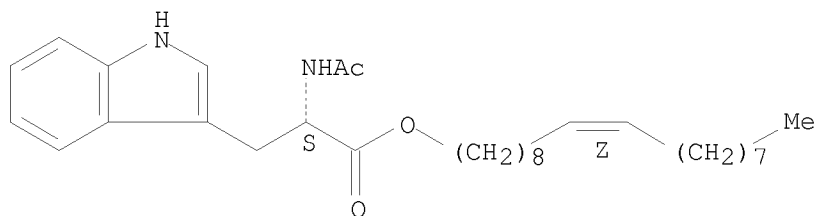
RN 261734-65-0 CAPLUS  
 CN D-Tryptophan, N-acetyl-, (9Z)-9-octadecen-1-yl ester (CA INDEX NAME)

Absolute stereochemistry.  
 Double bond geometry as shown.



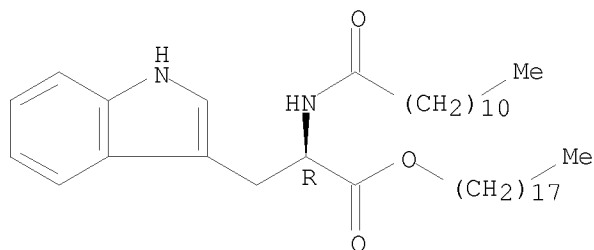
RN 261734-66-1 CAPLUS  
 CN L-Tryptophan, N-acetyl-, (9Z)-9-octadecen-1-yl ester (CA INDEX NAME)

Absolute stereochemistry.  
 Double bond geometry as shown.



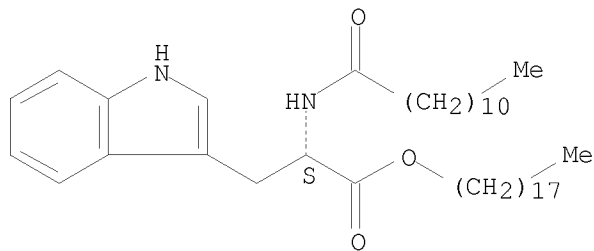
RN 261734-71-8 CAPLUS  
 CN D-Tryptophan, N-(1-oxododecyl)-, octadecyl ester (CA INDEX NAME)

Absolute stereochemistry.



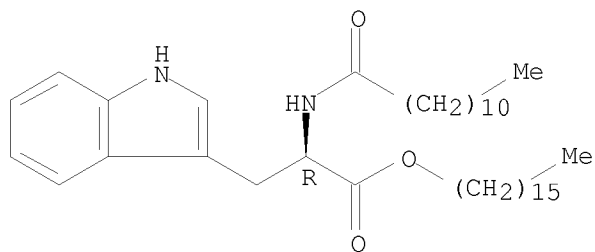
RN 261734-72-9 CAPLUS  
 CN L-Tryptophan, N-(1-oxododecyl)-, octadecyl ester (CA INDEX NAME)

Absolute stereochemistry.



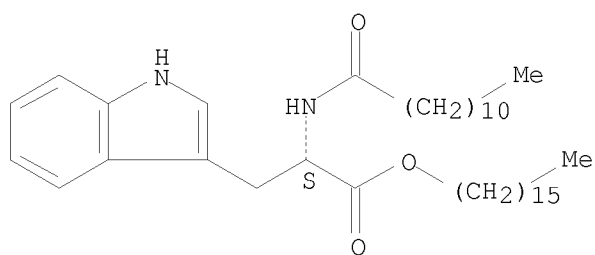
RN 261734-73-0 CAPLUS  
 CN D-Tryptophan, N-(1-oxododecyl)-, hexadecyl ester (CA INDEX NAME)

Absolute stereochemistry.



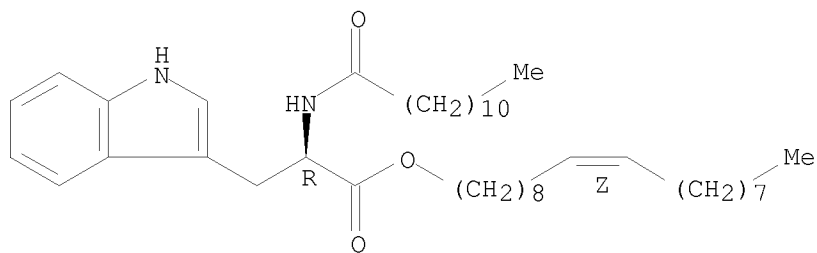
RN 261734-74-1 CAPLUS  
 CN L-Tryptophan, N-(1-oxododecyl)-, hexadecyl ester (CA INDEX NAME)

Absolute stereochemistry.



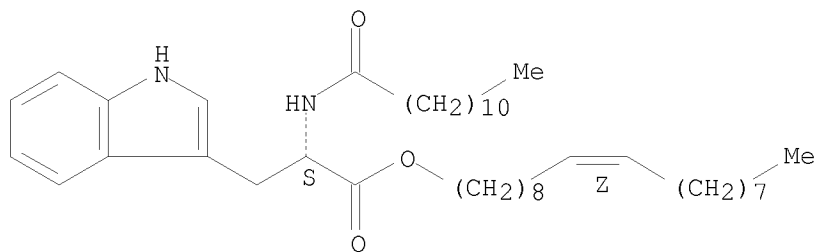
RN 261734-75-2 CAPLUS  
 CN D-Tryptophan, N-(1-oxododecyl)-, (9Z)-9-octadecen-1-yl ester (CA INDEX NAME)

Absolute stereochemistry.  
 Double bond geometry as shown.



RN 261734-76-3 CAPLUS  
 CN L-Tryptophan, N-(1-oxododecyl)-, (9Z)-9-octadecen-1-yl ester (CA INDEX NAME)

Absolute stereochemistry.  
 Double bond geometry as shown.

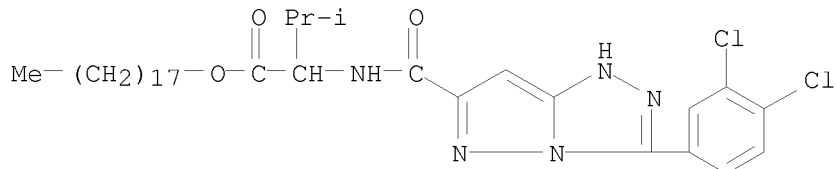


REFERENCE COUNT: 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 573 OF 1480 CAPLUS COPYRIGHT 2011 ACS on STN  
 ACCESSION NUMBER: 2000:175604 CAPLUS  
 DOCUMENT NUMBER: 132:201013  
 TITLE: Direct-positive silver halide color photographic material for color proof preparation  
 INVENTOR(S): Masumi, Satoshi; Tanaka, Shigeo  
 PATENT ASSIGNEE(S): Konica Corporation, Japan  
 SOURCE: Eur. Pat. Appl., 44 pp.  
 CODEN: EPXXDW  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 985973	A2	20000315	EP 1999-117587	19990907
EP 985973	A3	20000322		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
JP 2000089418	A	20000331	JP 1998-253792	19980908
US 6114104	A	20000905	US 1999-389175	19990902
			JP 1998-253792	A 19980908

PRIORITY APPLN. INFO.:  
 ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT  
 OTHER SOURCE(S): MARPAT 132:201013  
 IT 209536-40-3  
 RL: TEM (Technical or engineered material use); USES (Uses)  
 (cyan coupler for direct-pos. silver halide color photog. materials for preparing color proofs)  
 RN 209536-40-3 CAPLUS  
 CN Valine, N-[[3-(3,4-dichlorophenyl)-1H-pyrazolo[5,1-c]-1,2,4-triazol-6-yl]carbonyl]-, octadecyl ester (CA INDEX NAME)

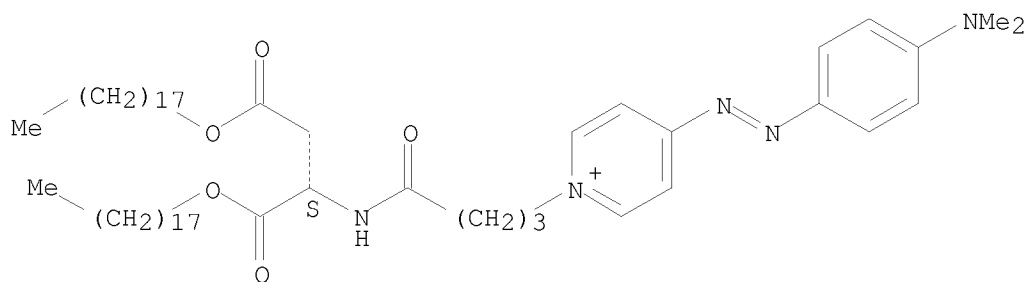


L3 ANSWER 574 OF 1480 CAPLUS COPYRIGHT 2011 ACS on STN  
 ACCESSION NUMBER: 2000:155283 CAPLUS  
 DOCUMENT NUMBER: 132:256471  
 TITLE: Aggregation and Self-Organization of a



AUTHOR(S): Chromophore-Labeled Double-Chain Amphiphile  
 Luo, Guobin; Liu, Tingting; Ying, Liming; Zhao, Xin  
 Sheng; Huang, Yanyi; Wu, Dengguo; Huang, Chunhui  
 CORPORATE SOURCE: State Key Laboratory of Molecular Dynamic and Stable  
 Structures and Institute of Physical Chemistry, Peking  
 University, Beijing, 100871, Peop. Rep. China  
 SOURCE: Langmuir (2000), 16(8), 3651-3659  
 CODEN: LANGD5; ISSN: 0743-7463  
 PUBLISHER: American Chemical Society  
 DOCUMENT TYPE: Journal  
 LANGUAGE: English  
 IT 229182-26-7  
 RL: PEP (Physical, engineering or chemical process); PRP (Properties);  
 PROC (Process)  
 (aggregation and self-organization of a chromophore-labeled DDPA  
 double-chain amphiphile)  
 RN 229182-26-7 CAPLUS  
 CN Pyridinium, 4-[2-[4-(dimethylamino)phenyl]diazenyl]-1-[4-[[ (1S)-3-  
 (octadecyloxy)-1-[(octadecyloxy)carbonyl]-3-oxopropyl]amino]-4-oxobutyl]-,  
 bromide (1:1) (CA INDEX NAME)

Absolute stereochemistry.  
 Double bond geometry unknown.



● Br<sup>-</sup>

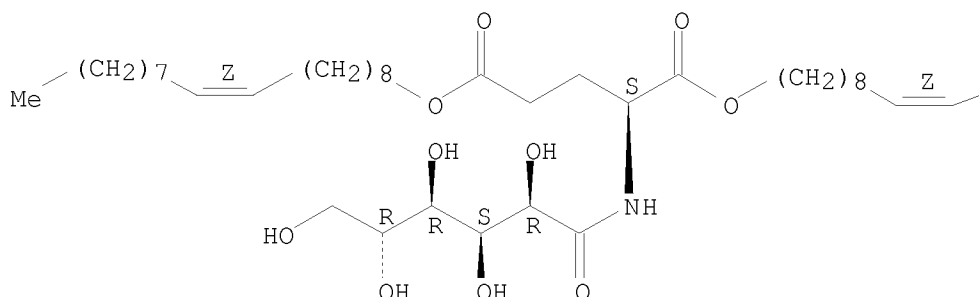
OS.CITING REF COUNT: 6 THERE ARE 6 CAPLUS RECORDS THAT CITE THIS RECORD  
 (6 CITINGS)  
 REFERENCE COUNT: 36 THERE ARE 36 CITED REFERENCES AVAILABLE FOR THIS  
 RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 575 OF 1480 CAPLUS COPYRIGHT 2011 ACS on STN  
 ACCESSION NUMBER: 2000:127239 CAPLUS  
 DOCUMENT NUMBER: 132:320969  
 TITLE: Surfactant-protease complex as a novel biocatalyst for  
 peptide synthesis in hydrophilic organic solvents  
 AUTHOR(S): Okazaki, S.-y.; Goto, M.; Furusaki, S.  
 CORPORATE SOURCE: Dep. Chem. Syst. Eng., Kyushu Univ., Fukuoka, Japan  
 SOURCE: Enzyme and Microbial Technology (2000), 26(2-4),  
 159-164  
 CODEN: EMTED2; ISSN: 0141-0229  
 PUBLISHER: Elsevier Science Ireland Ltd.  
 DOCUMENT TYPE: Journal  
 LANGUAGE: English  
 OTHER SOURCE(S): CASREACT 132:320969  
 IT 194083-70-0  
 RL: CAT (Catalyst use); USES (Uses)  
 (surfactant-protease complex as a novel biocatalyst for peptide

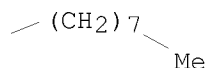
synthesis in hydrophilic organic solvents)  
 RN 194083-70-0 CAPLUS  
 CN L-Glutamic acid, N-D-gluconoyl-, di-(9Z)-9-octadecenyl ester (9CI) (CA  
 INDEX NAME)

Absolute stereochemistry.  
 Double bond geometry as shown.

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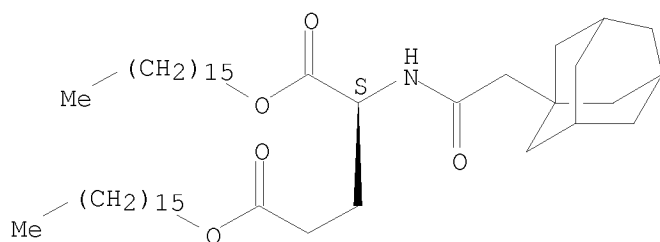
PAGE 1-B



OS.CITING REF COUNT: 24 THERE ARE 24 CAPLUS RECORDS THAT CITE THIS  
 RECORD (24 CITINGS)  
 REFERENCE COUNT: 27 THERE ARE 27 CITED REFERENCES AVAILABLE FOR THIS  
 RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 576 OF 1480 CAPLUS COPYRIGHT 2011 ACS on STN  
 ACCESSION NUMBER: 2000:114476 CAPLUS  
 DOCUMENT NUMBER: 133:17819  
 TITLE: Design and synthesis of the artificial peptide-lipids  
 having adamantane group  
 AUTHOR(S): Kanegae, Hiroshi; Akao, Tetsuyuki  
 CORPORATE SOURCE: Biotechnol. Res. Inst., Fukuoka Ind. Technol. Cent,  
 Japan  
 SOURCE: Kenkyu Hokoku - Fukuoka-ken Kogyo Gijutsu Senta  
 (1999), Volume Date 1998, 9, 113-116  
 CODEN: KFKSEH; ISSN: 0916-8230  
 PUBLISHER: Fukuoka-ken Kogyo Gijutsu Senta  
 DOCUMENT TYPE: Journal  
 LANGUAGE: Japanese  
 IT 273202-09-8P 273202-10-1P 273202-11-2P  
 273202-12-3P 273202-13-4P  
 RL: BUU (Biological use, unclassified); SPN (Synthetic preparation); BIOL  
 (Biological study); PREP (Preparation); USES (Uses)  
 (design and synthesis of artificial peptide-lipids having adamantane  
 group as model of phospholipid membrane)  
 RN 273202-09-8 CAPLUS  
 CN L-Glutamic acid, N-(tricyclo[3.3.1.1<sup>3,7</sup>]dec-1-ylacetyl)-, dihexadecyl  
 ester (9CI) (CA INDEX NAME)

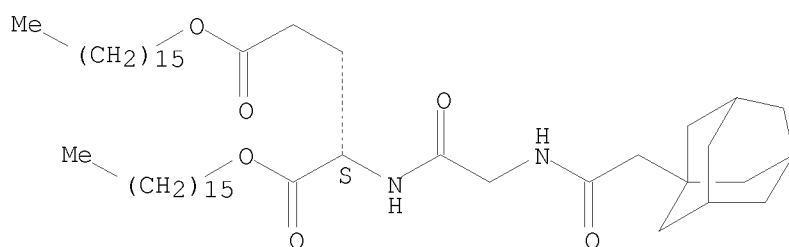
Absolute stereochemistry.



RN 273202-10-1 CAPLUS

CN L-Glutamic acid, N-(tricyclo[3.3.1.1.3,7]dec-1-ylacetyl)glycyl-, dihexadecyl ester (9CI) (CA INDEX NAME)

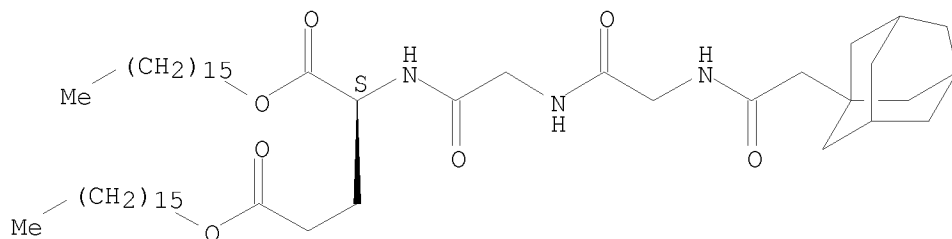
Absolute stereochemistry.



RN 273202-11-2 CAPLUS

CN L-Glutamic acid, N-(tricyclo[3.3.1.1.3,7]dec-1-ylacetyl)glycylglycyl-, dihexadecyl ester (9CI) (CA INDEX NAME)

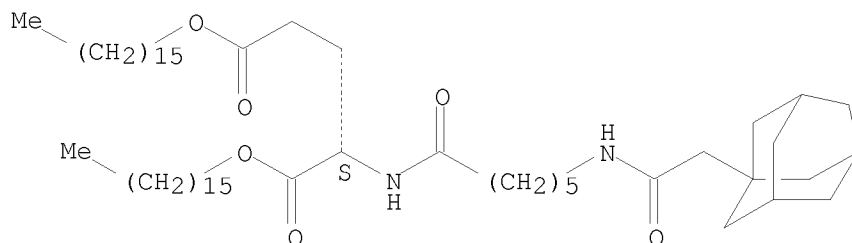
Absolute stereochemistry.



RN 273202-12-3 CAPLUS

CN L-Glutamic acid, N-[1-oxo-6-[(tricyclo[3.3.1.1.3,7]dec-1-ylacetyl)amino]hexyl]-, dihexadecyl ester (9CI) (CA INDEX NAME)

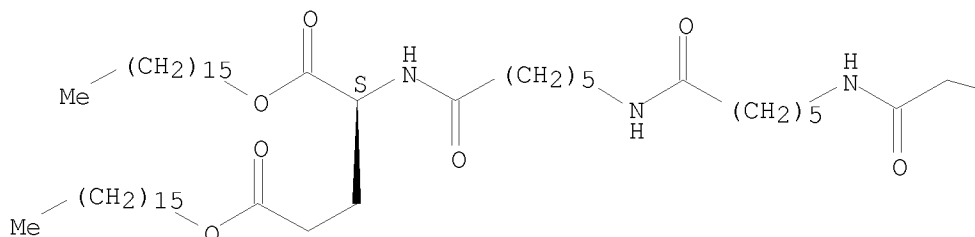
Absolute stereochemistry.



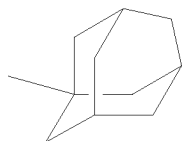
RN 273202-13-4 CAPLUS  
 CN L-Glutamic acid, N-[1-oxo-6-[[1-oxo-6-[(tricyclo[3.3.1.1<sup>3,7</sup>]dec-1-ylacetyl)amino]hexyl]amino]hexyl]-, dihexadecyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.

PAGE 1-A

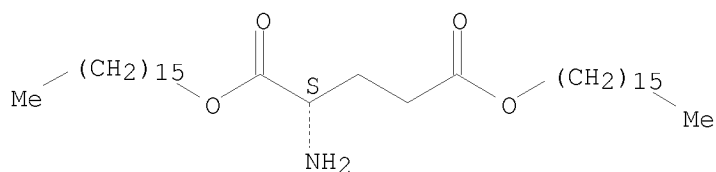


PAGE 1-B



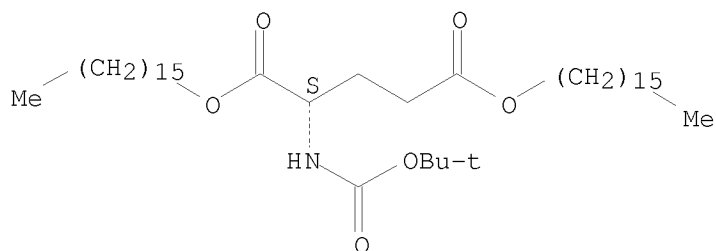
IT 59274-90-7P 273202-08-7P  
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)  
 (design and synthesis of artificial peptide-lipids having adamantane group as model of phospholipid membrane)  
 RN 59274-90-7 CAPLUS  
 CN L-Glutamic acid, 1,5-dihexadecyl ester (CA INDEX NAME)

Absolute stereochemistry.



RN 273202-08-7 CAPLUS  
 CN L-Glutamic acid, N-[(1,1-dimethylethoxy)carbonyl]-, dihexadecyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



L3 ANSWER 577 OF 1480 CAPLUS COPYRIGHT 2011 ACS on STN  
 ACCESSION NUMBER: 2000:98903 CAPLUS  
 DOCUMENT NUMBER: 132:148763  
 TITLE: Film responsive to bicarbonate ion in a body fluid  
 INVENTOR(S): Taira, Hiroaki; Ibaragi, Kazuya; Yamamoto, Hiromasa;  
 Yanagi, Hiroyuki  
 PATENT ASSIGNEE(S): Tokuyama Corporation, Japan  
 SOURCE: PCT Int. Appl., 97 pp.  
 CODEN: PIXXD2  
 DOCUMENT TYPE: Patent  
 LANGUAGE: Japanese  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2000007004	A1	20000210	WO 1999-JP3947	19990723
W: AU, JP, KR, US				
RW: DE, ES, FR, GB				
AU 9948000	A	20000221	AU 1999-48000	19990723
EP 1096251	A1	20010502	EP 1999-931504	19990723
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI				
US 6635683	B1	20031021	US 2001-744582	20010126
PRIORITY APPLN. INFO.:			JP 1998-212579	A 19980728
			WO 1999-JP3947	W 19990723

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT

OTHER SOURCE(S): MARPAT 132:148763

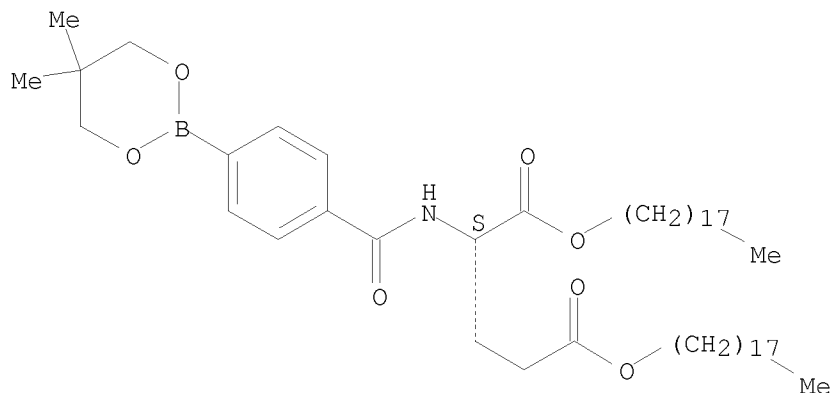
IT 257946-06-8P

RL: NUU (Other use, unclassified); SPN (Synthetic preparation); PREP (Preparation); USES (Uses)  
 (film responsive to bicarbonate ion in body fluid)

RN 257946-06-8 CAPLUS

CN L-Glutamic acid, N-[4-(5,5-dimethyl-1,3,2-dioxaborolan-2-yl)benzoyl]-, dioctadecyl ester (9CI) (CA INDEX NAME)

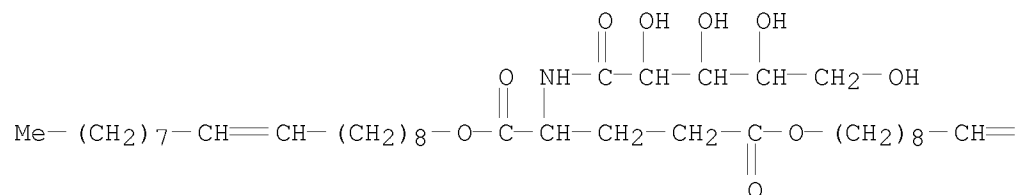
Absolute stereochemistry.



OS.CITING REF COUNT: 1 THERE ARE 1 CAPLUS RECORDS THAT CITE THIS RECORD (1 CITINGS)  
 REFERENCE COUNT: 25 THERE ARE 25 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 578 OF 1480 CAPLUS COPYRIGHT 2011 ACS on STN  
 ACCESSION NUMBER: 2000:97805 CAPLUS  
 DOCUMENT NUMBER: 132:251493  
 TITLE: Metal-imprinted microsphere prepared by surface template polymerization and its application to chromatography  
 AUTHOR(S): Yoshida, Masahiro; Hatate, Yasuo; Uezu, Kazuya; Goto, Masahiro; Furusaki, Shintaro  
 CORPORATE SOURCE: Department of Applied Chemistry and Chemical Engineering, Faculty of Engineering, Kagoshima University, Kagoshima, 890-0065, Japan  
 SOURCE: Journal of Polymer Science, Part A: Polymer Chemistry (2000), 38(4), 689-696  
 CODEN: JPACEC; ISSN: 0887-624X  
 PUBLISHER: John Wiley & Sons, Inc.  
 DOCUMENT TYPE: Journal  
 LANGUAGE: English  
 IT 108779-63-1, L-Glutamic acid dioleoyl ester ribitol  
 RL: NUU (Other use, unclassified); USES (Uses)  
 (polymerization emulsion stabilizer; preparation of metal-imprinted diphenylphosphonic acid poly(trimethylolpropane trimethacrylate) microspheres for use in metal separation by chromatog.)  
 RN 108779-63-1 CAPLUS  
 CN L-Glutamic acid, N-D-ribonoyl-, 1,4-di-(9Z)-9-octadecen-1-yl ester (CA INDEX NAME)

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=CH- (CH<sub>2</sub>)<sub>7</sub>-Me

OS.CITING REF COUNT: 36 THERE ARE 36 CAPLUS RECORDS THAT CITE THIS RECORD (36 CITINGS)  
 REFERENCE COUNT: 17 THERE ARE 17 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 579 OF 1480 CAPLUS COPYRIGHT 2011 ACS on STN  
 ACCESSION NUMBER: 2000:84834 CAPLUS  
 DOCUMENT NUMBER: 132:137733  
 TITLE: Preparation of new antifungal agents, cyclic aroethricin analogs, for treatment of infectious diseases caused by pathogenic microorganisms  
 INVENTOR(S): Aoki, Masahiro; Kohchi, Masami; Masubuchi, Kazunao; Mizuguchi, Eisaku; Murata, Takeshi; Ohkuma, Hiroaki; Okada, Takehiro; Sakaitani, Masahiro; Shimma, Nobuo; Watanabe, Takahide; Yanagisawa, Mieko; Yasuda, Yuri  
 PATENT ASSIGNEE(S): F. Hoffmann-La Roche Ag, Switz.  
 SOURCE: PCT Int. Appl., 111 pp.  
 CODEN: PIXXD2  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2000005251	A1	20000203	WO 1999-EP5235	19990722
W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, UZ, VN, YU, ZA, ZW				
RW: GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
CA 2335394	C	20000203	CA 1999-2335394	19990722
CA 2335394	A1	20000203		
AU 9951630	A	20000214	AU 1999-51630	19990722
AU 754285	B2	20021114		
BR 9912367	A	20010502	BR 1999-12367	19990722
TR 2001000214	T2	20010521	TR 2001-214	19990722
EP 1100816	A1	20010523	EP 1999-936588	19990722
EP 1100816	B1	20070808		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, CY				
JP 2002525263	T	20020813	JP 2000-561207	19990722
JP 3628258	B2	20050309		
AT 369378	T	20070815	AT 1999-936588	19990722
US 6489440	B1	20021203	US 1999-360476	19990723
MX 2001000655	A	20010521	MX 2001-655	20010118
PRIORITY APPLN. INFO.:			EP 1998-113744	A 19980723
			EP 1999-107637	A 19990416
			WO 1999-EP5235	W 19990722

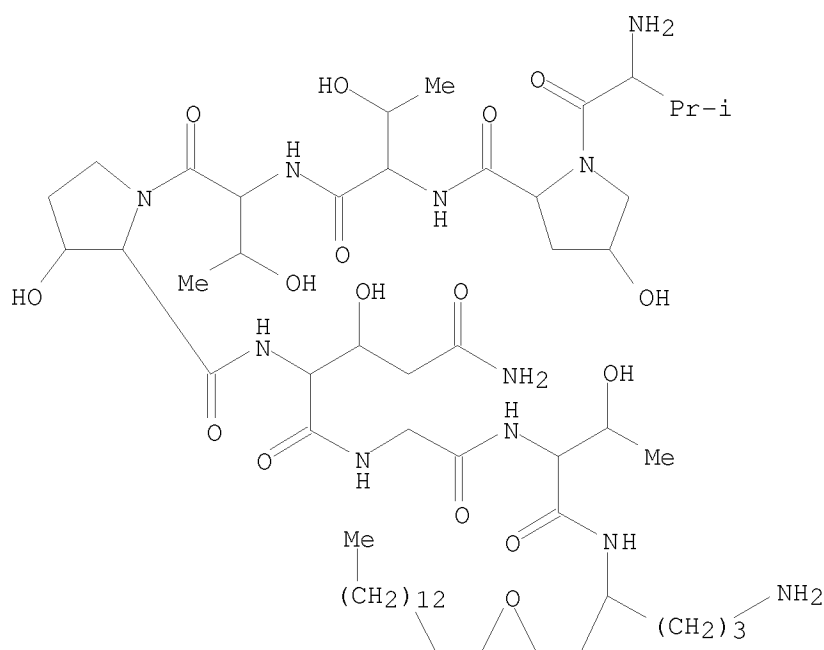
IT 256947-07-6P

RN 256947-07-6 CAPLUS

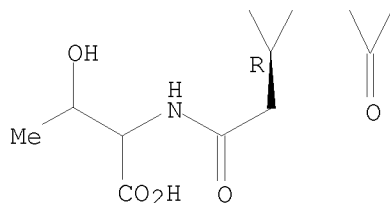
Absolute stereochemistry.

Currently available stereo shown.

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IT	256947-11-2P	256947-21-4P	256947-22-5P
	256947-23-6P		

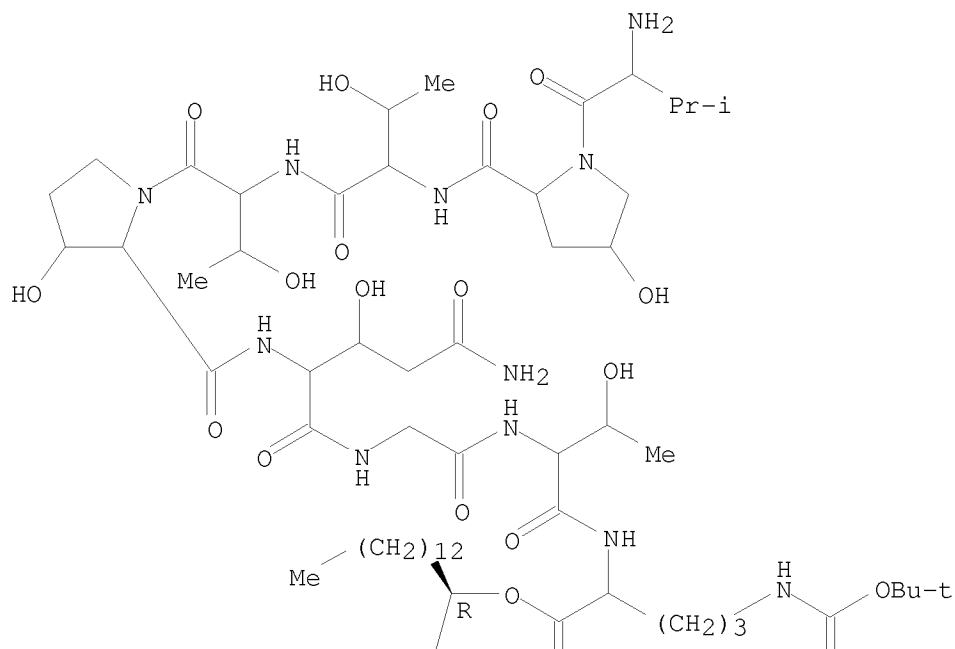
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)  
(preparation of cyclic peptide aerothricin analogs for treatment of infectious diseases)



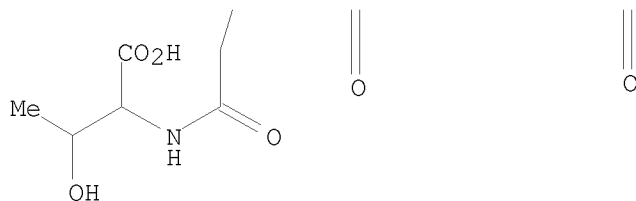
RN 256947-11-2 CAPLUS  
 CN Threonine, valyl-4-hydroxyprolylthreonylthreonyl-3-hydroxyprolyl-3-hydroxyglutaminylglycylthreonyl-N5-[(1,1-dimethylethoxy)carbonyl]ornithyl-(3R)-3-hydroxyhexadecanoyl- (9CI) (CA INDEX NAME)

Absolute stereochemistry.  
 Currently available stereo shown.

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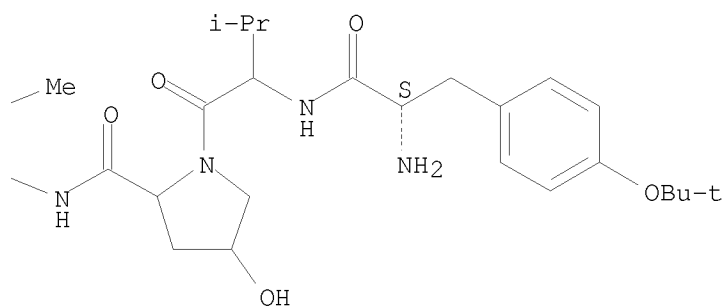
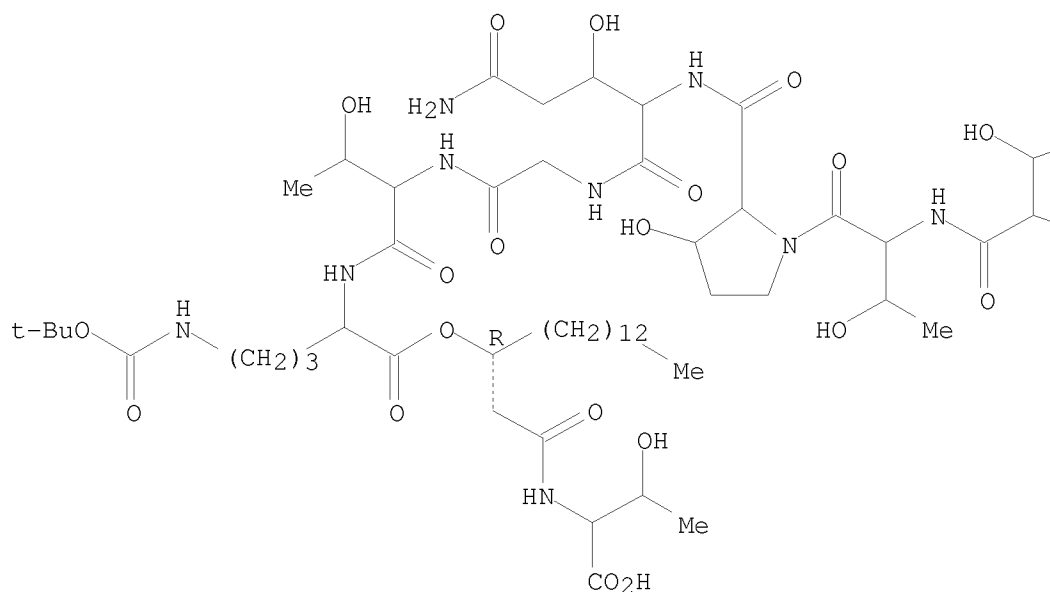


PAGE 2-A



RN 256947-21-4 CAPLUS  
 CN Threonine, O-(1,1-dimethylethyl)-L-tyrosylvalyl-4-hydroxyprolylthreonylthreonyl-3-hydroxyprolyl-3-hydroxyglutaminylglycylthreonyl-N5-[(1,1-dimethylethoxy)carbonyl]ornithyl-(3R)-3-hydroxyhexadecanoyl- (9CI) (CA INDEX NAME)

Absolute stereochemistry.  
 Currently available stereo shown.

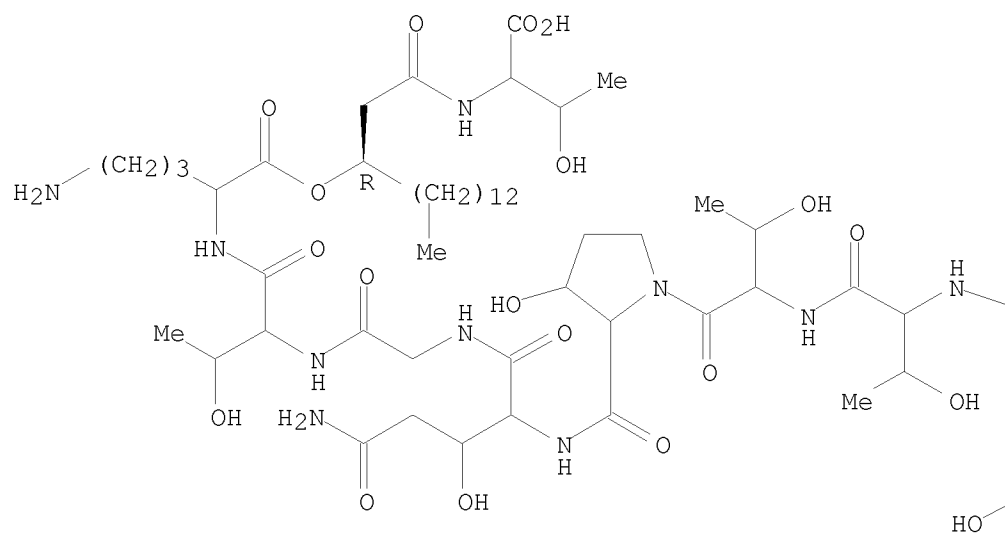


RN 256947-22-5 CAPLUS

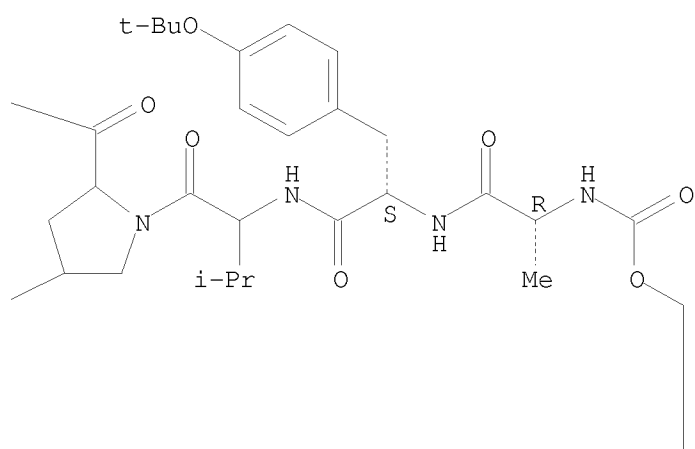
CN Threonine, N-[(9H-fluoren-9-ylmethoxy)carbonyl]-D-alanyl-O-(1,1-dimethylethyl)-L-tyrosylvalyl-4-hydroxyprolylthreonylthreonyl-3-hydroxyprolyl-3-hydroxyglutaminyglycylthreonylornithyl-(3R)-3-hydroxyhexadecanoyl- (9CI) (CA INDEX NAME)

Absolute stereochemistry.  
Currently available stereo shown.

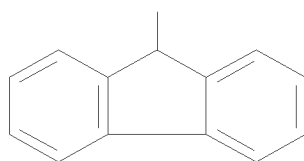
PAGE 1-A



PAGE 1-B



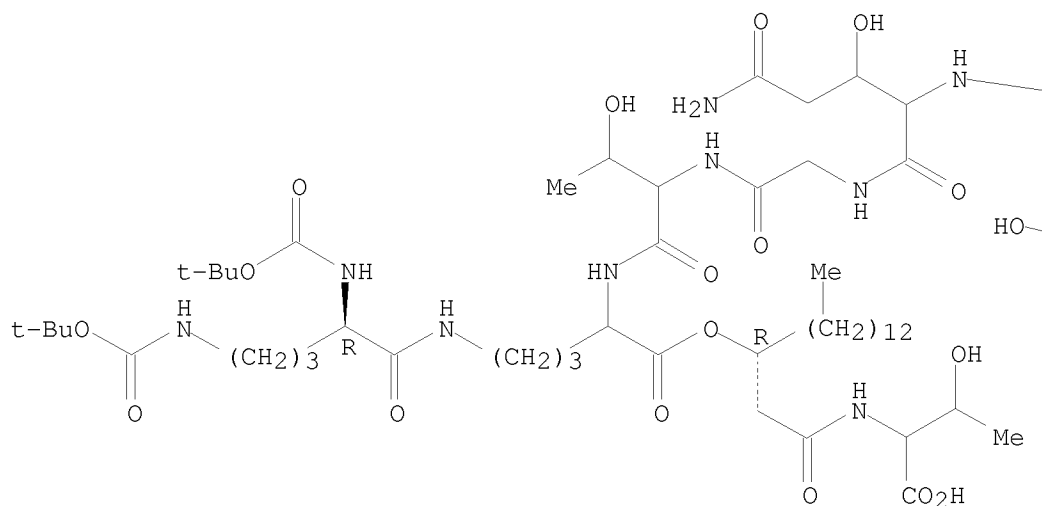
PAGE 2-B



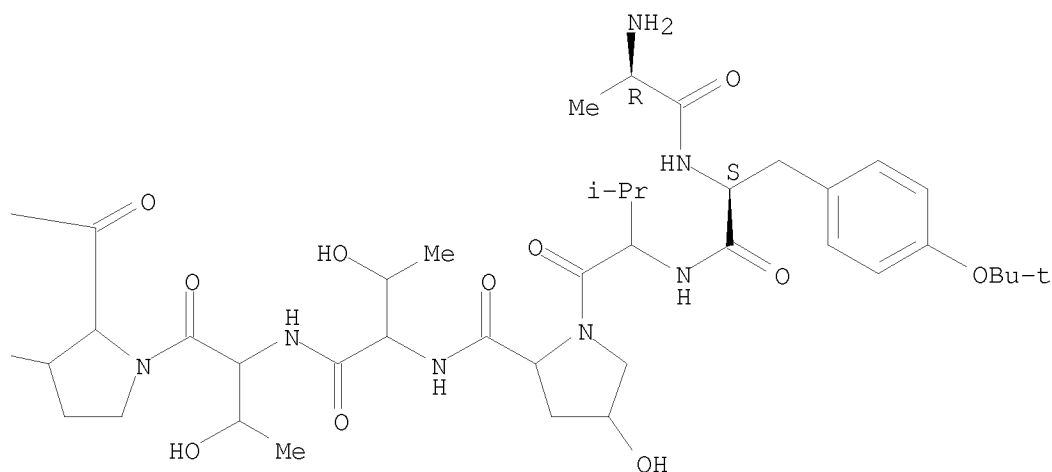
RN 256947-23-6 CAPLUS  
 CN Threonine, D-alanyl-O-(1,1-dimethylethyl)-L-tyrosylvalyl-4-hydroxypropylthreonylthreonyl-3-hydroxypropyl-3-hydroxyglutaminyglycylthreonyl-N5-[N2,N5-bis[(1,1-dimethylethoxy)carbonyl]-D-ornithyl]ornithyl-(3R)-3-hydroxyhexadecanoyl-(9CI) (CA INDEX NAME)

Absolute stereochemistry.  
 Currently available stereo shown.

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IT 256947-10-1P 256947-12-3P  
 RL: SPN (Synthetic preparation); PREP (Preparation)  
 (preparation of cyclic peptide aerothricin analogs for treatment of infectious diseases)

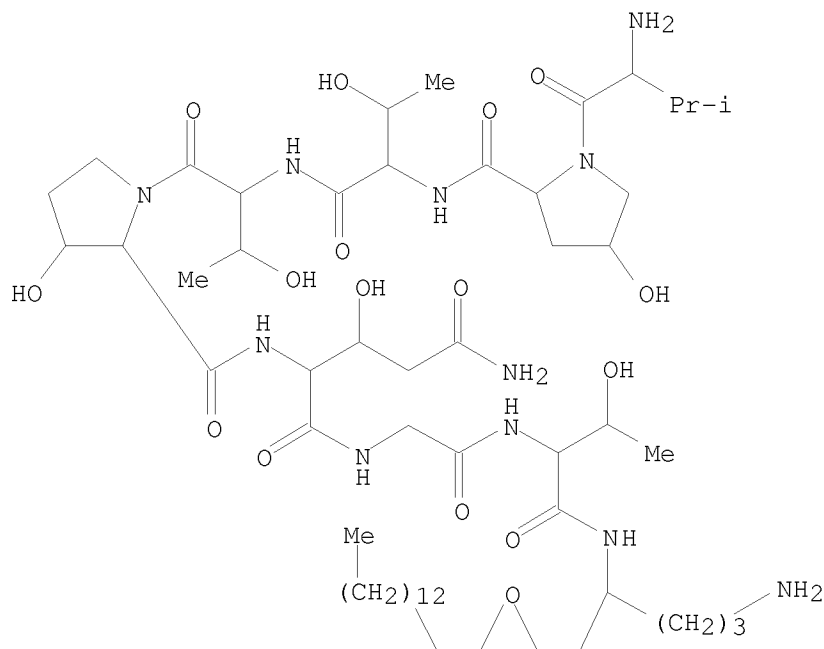
RN 256947-10-1 CAPLUS  
 CN Threonine, valyl-4-hydroxyprolylthreonylthreonyl-3-hydroxyprolyl-3-hydroxyglutaminylglycylthreonylornithyl-(3R)-3-hydroxyhexadecanoyl-, mono(trifluoroacetate) (salt) (9CI) (CA INDEX NAME)

CM 1

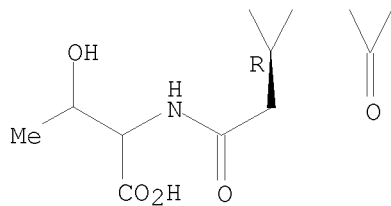
CRN 256947-07-6  
 CMF C59 H104 N12 O21

Absolute stereochemistry.  
 Currently available stereo shown.

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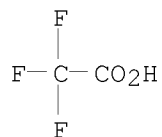


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CM 2

CRN 76-05-1  
 CMF C2 H F3 O2

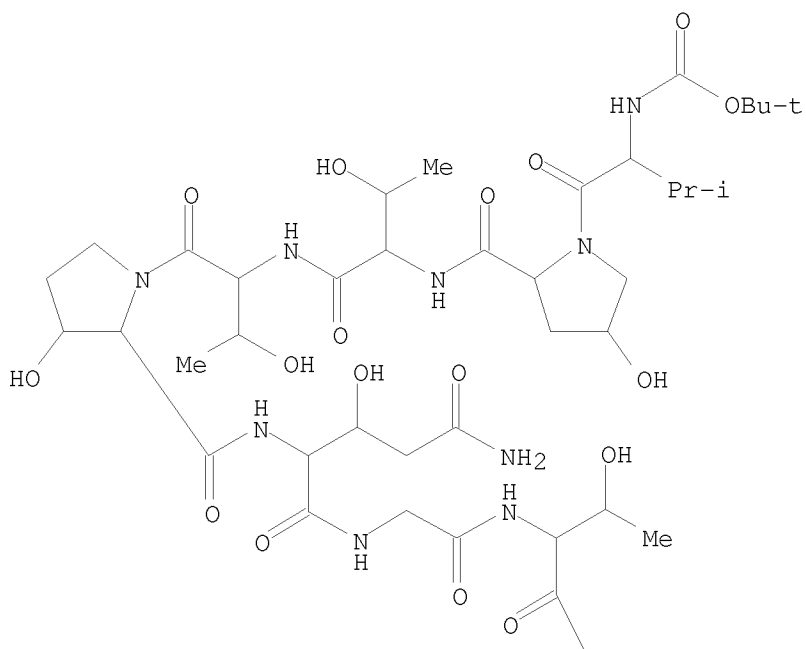


RN 256947-12-3 CAPLUS

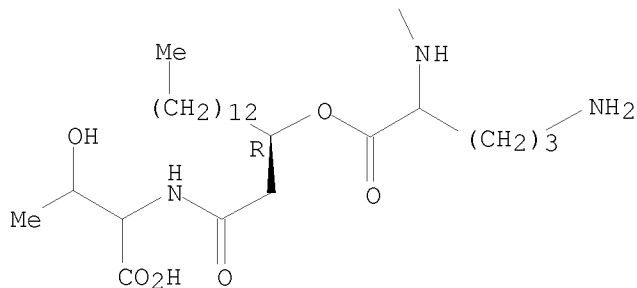
CN Threonine, N-[(1,1-dimethylethoxy)carbonyl]valyl-4-hydroxypropylthreonylthreonyl-3-hydroxypropyl-3-hydroxyglutaminyglycylthreonylornithyl-(3R)-3-hydroxyhexadecanoyl- (9CI)  
(CA INDEX NAME)

Absolute stereochemistry.  
Currently available stereo shown.

PAGE 1-A

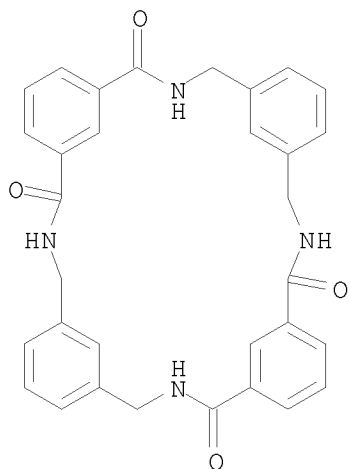


PAGE 2-A

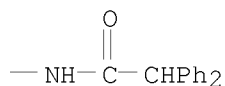
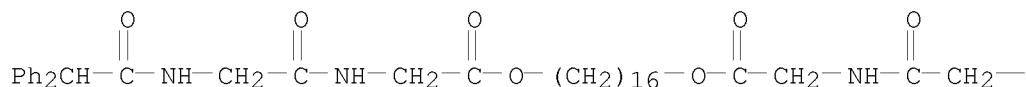


OS.CITING REF COUNT: 11 THERE ARE 11 CAPLUS RECORDS THAT CITE THIS  
RECORD (11 CITINGS)  
REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS

L3 ANSWER 580 OF 1480 CAPLUS COPYRIGHT 2011 ACS on STN  
ACCESSION NUMBER: 2000:76480 CAPLUS  
DOCUMENT NUMBER: 132:265490  
TITLE: Reducing molecular shuttling to a single dimension  
AUTHOR(S): Leigh, David A.; Troisi, Alessandro; Zerbetto, Francesco  
CORPORATE SOURCE: Cent. Supramol. Macromol. Chem., Dep. Chem.,  
University of Warwick, Coventry, CV4 7AL, UK  
SOURCE: Angewandte Chemie, International Edition (2000),  
39(2), 350-353  
CODEN: ACIEF5; ISSN: 1433-7851  
PUBLISHER: Wiley-VCH Verlag GmbH  
DOCUMENT TYPE: Journal  
LANGUAGE: English  
IT 263351-14-0  
RL: PRP (Properties)  
(math. models of motion of a rotaxane macrocycle along a peptide  
thread)  
RN 263351-14-0 CAPLUS  
CN Glycine, N-(diphenylacetyl)glycyl-, 1,16-hexadecanediyl ester, rotaxane  
compd. with 3,11,19,27-tetraazapentacyclo[27.3.1.15,9.113,17.121,25]hexatr  
iaconta-1(33),5,7,9(36),13,15,17(35),21,23,25(34),29,31-dodecaene-  
2,12,18,28-tetrone (1:1) (9CI) (CA INDEX NAME)  
  
CM 1  
  
CRN 263351-12-8  
CMF C32 H28 N4 O4



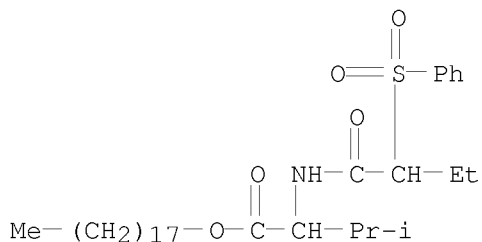
CM 2  
  
CRN 196867-76-2  
CMF C52 H66 N4 O8



OS.CITING REF COUNT: 70 THERE ARE 70 CAPLUS RECORDS THAT CITE THIS RECORD (70 CITINGS)  
 REFERENCE COUNT: 47 THERE ARE 47 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 581 OF 1480 CAPLUS COPYRIGHT 2011 ACS on STN  
 ACCESSION NUMBER: 2000:48975 CAPLUS  
 DOCUMENT NUMBER: 132:100385  
 TITLE: Silver halide color photographic material using novel magenta coupler  
 INVENTOR(S): Suzuki, Takashi; Yasukawa, Hiroyuki; Ofuku, Koji; Nakamura, Kazuaki; Sugita, Shuichi  
 PATENT ASSIGNEE(S): Konica Co., Japan  
 SOURCE: Jpn. Kokai Tokkyo Koho, 39 pp.  
 CODEN: JKXXAF  
 DOCUMENT TYPE: Patent  
 LANGUAGE: Japanese  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2000019697	A	20000121	JP 1998-180653	19980626
PRIORITY APPLN. INFO.:			JP 1998-180653	19980626
OTHER SOURCE(S): MARPAT 132:100385				
IT 254978-54-6				
RL: DEV (Device component use); MOA (Modifier or additive use); USES (Uses)				
(photog. film containing pyrazoloazole magenta coupler and amide compound)				
RN 254978-54-6 CAPLUS				
CN Valine, N-[1-oxo-2-(phenylsulfonyl)butyl]-, octadecyl ester (CA INDEX NAME)				



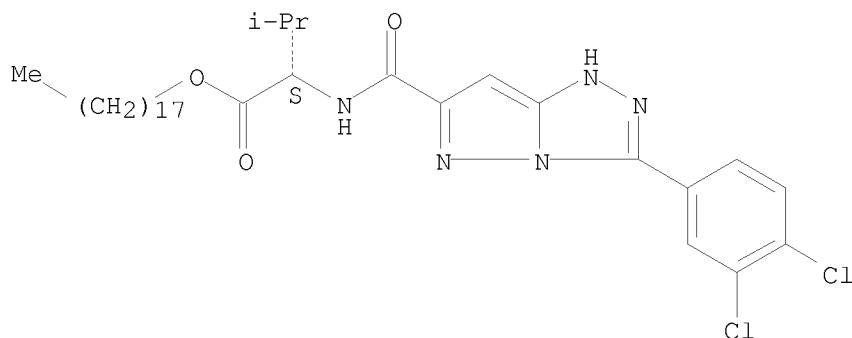


L3 ANSWER 582 OF 1480 CAPLUS COPYRIGHT 2011 ACS on STN  
 ACCESSION NUMBER: 2000:32481 CAPLUS  
 DOCUMENT NUMBER: 132:85851  
 TITLE: Novel color-fading inhibitor, silver halide  
 photographic material containing same, and fading  
 inhibiting method  
 INVENTOR(S): Oshiyama, Tomohiro; Suzuki, Takashi; Daiba, Shinichi;  
 Ishii, Fumio  
 PATENT ASSIGNEE(S): Konica Co., Japan  
 SOURCE: Jpn. Kokai Tokkyo Koho, 46 pp.  
 CODEN: JKXXAF  
 DOCUMENT TYPE: Patent  
 LANGUAGE: Japanese  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2000010247	A	20000114	JP 1998-178811	19980625

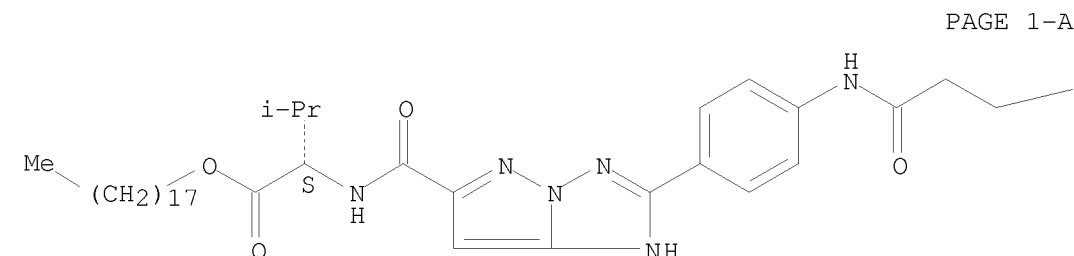
PRIORITY APPLN. INFO.: JP 1998-178811 19980625  
 OTHER SOURCE(S): MARPAT 132:85851  
 IT 199188-92-6 223527-23-9  
 RL: DEV (Device component use); USES (Uses)  
 (photog. film containing pyrazoloazo methine dye and sulfonamide derivative  
 color-fading inhibitor)  
 RN 199188-92-6 CAPLUS  
 CN L-Valine, N-[[3-(3,4-dichlorophenyl)-1H-pyrazolo[5,1-c]-1,2,4-triazol-6-  
 yl]carbonyl]-, octadecyl ester (CA INDEX NAME)

Absolute stereochemistry.



RN 223527-23-9 CAPLUS  
 CN L-Valine, N-[[2-[4-[(3-carboxy-1-oxopropyl)amino]phenyl]-1H-pyrazolo[1,5-  
 b][1,2,4]triazol-6-yl]carbonyl]-, 1-octadecyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.

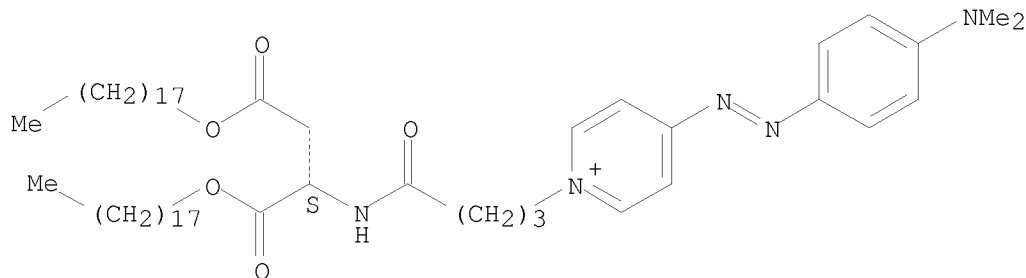


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—CO<sub>2</sub>H

L3 ANSWER 583 OF 1480 CAPLUS COPYRIGHT 2011 ACS on STN  
 ACCESSION NUMBER: 2000:26432 CAPLUS  
 DOCUMENT NUMBER: 132:177237  
 TITLE: Interaction between nitric oxide and lipid-like DDPA  
 LB film investigated with SHG and AFM  
 AUTHOR(S): Yu, An-Chi; Liu, Ting-Ting; Luo, Guo-Bin; Ying,  
 Li-Ming; Zhao, Xin-Sheng; Huang, Yan-Yi; Huang,  
 Chun-Hui  
 CORPORATE SOURCE: Coll. Chem. Mol. Eng., Peking Univ., Beijing, 100871,  
 Peop. Rep. China  
 SOURCE: Chinese Journal of Chemistry (2000), 18(1), 25-28  
 CODEN: CJOCEV; ISSN: 1001-604X  
 PUBLISHER: Science Press  
 DOCUMENT TYPE: Journal  
 LANGUAGE: English  
 IT 229182-26-7  
 RL: BPR (Biological process); BSU (Biological study, unclassified); PRP  
 (Properties); BIOL (Biological study); PROC (Process)  
 (interaction between nitric oxide and lipid-like Langmuir-Blodgett film  
 investigated with second harmonic generation and atomic force microscopy)  
 RN 229182-26-7 CAPLUS  
 CN Pyridinium, 4-[2-[4-(dimethylamino)phenyl]diazenyl]-1-[4-[(1S)-3-  
 (octadecyloxy)-1-[(octadecyloxy)carbonyl]-3-oxopropyl]amino]-4-oxobutyl]-,  
 bromide (1:1) (CA INDEX NAME)

Absolute stereochemistry.  
 Double bond geometry unknown.

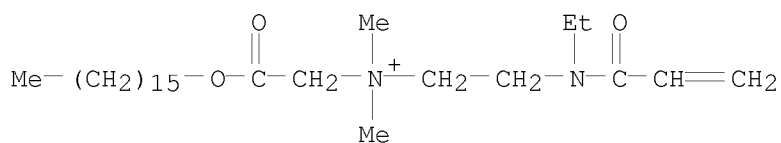


● Br<sup>-</sup>

REFERENCE COUNT: 27 THERE ARE 27 CITED REFERENCES AVAILABLE FOR THIS  
 RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 584 OF 1480 CAPLUS COPYRIGHT 2011 ACS on STN  
 ACCESSION NUMBER: 2000:18117 CAPLUS  
 DOCUMENT NUMBER: 132:166959  
 TITLE: A study of multicompartment polymeric micelles  
 AUTHOR(S): Stahler, K.; Selb, J.; Candau, F.  
 CORPORATE SOURCE: Institut Charles Sadron (CRM), Strasbourg, 67083, Fr.  
 SOURCE: Materials Science & Engineering, C: Biomimetic and  
 Supramolecular Systems (1999), C10(1-2), 171-178

CODEN: MSCEEE; ISSN: 0928-4931  
PUBLISHER: Elsevier Science B.V.  
DOCUMENT TYPE: Journal  
LANGUAGE: English  
IT 248917-48-8, HS6  
RL: PEP (Physical, engineering or chemical process); PRP (Properties); RCT (Reactant); PROC (Process); RACT (Reactant or reagent)  
(growth and polymerization and surfactant properties of multicompartement micelles of acrylamido hydrocarbons or hydrofluorocarbons)  
RN 248917-48-8 CAPLUS  
CN Ethanaminium, N-[2-[ethyl(1-oxo-2-propen-1-yl)amino]ethyl]-2-(hexadecyloxy)-N,N-dimethyl-2-oxo-, bromide (1:1) (CA INDEX NAME)



● Br<sup>-</sup>

OS.CITING REF COUNT: 1 THERE ARE 1 CAPLUS RECORDS THAT CITE THIS RECORD (1 CITINGS)  
REFERENCE COUNT: 49 THERE ARE 49 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

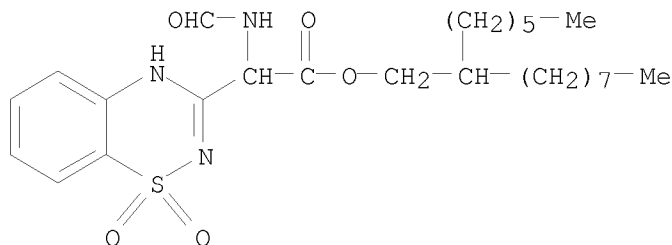
L3 ANSWER 585 OF 1480 CAPLUS COPYRIGHT 2011 ACS on STN  
ACCESSION NUMBER: 2000:12761 CAPLUS  
DOCUMENT NUMBER: 132:71313  
TITLE: Color photographic silver halide material with new color coupler  
INVENTOR(S): Bergthaller, Peter  
PATENT ASSIGNEE(S): Agfa-Gevaert A.-G., Germany  
SOURCE: Eur. Pat. Appl., 23 pp.  
CODEN: EPXXDW  
DOCUMENT TYPE: Patent  
LANGUAGE: German  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 969319	A1	20000105	EP 1999-112037	19990622
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
DE 19829978	A1	20000105	DE 1998-19829978	19980704
US 6043017	A	20000328	US 1999-339623	19990624
PRIORITY APPLN. INFO.:			DE 1998-19829978	A 19980704

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT

OTHER SOURCE(S): MARPAT 132:71313

IT 253276-63-0P  
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)  
(preparation of IR coupler for color photog. Ag halide material)  
RN 253276-63-0 CAPLUS  
CN 2H-1,2,4-Benzothiadiazine-3-acetic acid,  $\alpha$ -(formylamino)-, 2-hexyldecyl ester, 1,1-dioxide (CA INDEX NAME)



OS.CITING REF COUNT: 4 THERE ARE 4 CAPLUS RECORDS THAT CITE THIS RECORD (4 CITINGS)

REFERENCE COUNT: 7 THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 586 OF 1480 CAPLUS COPYRIGHT 2011 ACS on STN

ACCESSION NUMBER: 2000:5411 CAPLUS

DOCUMENT NUMBER: 132:156773

TITLE: Cellular recognition of synthetic peptide amphiphiles in self-assembled monolayer films

AUTHOR(S): Pakalns, Teika; Haverstick, Kraig L.; Fields, Gregg B.; McCarthy, James B.; Mooradian, Daniel L.; Tirrell, Matthew

CORPORATE SOURCE: Department of Chemical Engineering and Materials Science, University of Minnesota, Minneapolis, MN, 55455, USA

SOURCE: Biomaterials (1999), 20(23/24), 2265-2279

CODEN: BIMADU; ISSN: 0142-9612

PUBLISHER: Elsevier Science Ltd.

DOCUMENT TYPE: Journal

LANGUAGE: English

IT 195247-74-6P 257940-98-0P

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

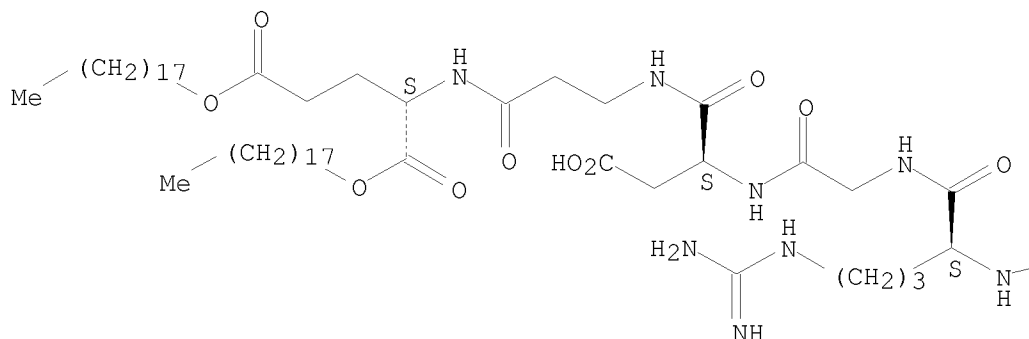
(cellular recognition of synthetic peptide amphiphiles in self-assembled monolayer films)

RN 195247-74-6 CAPLUS

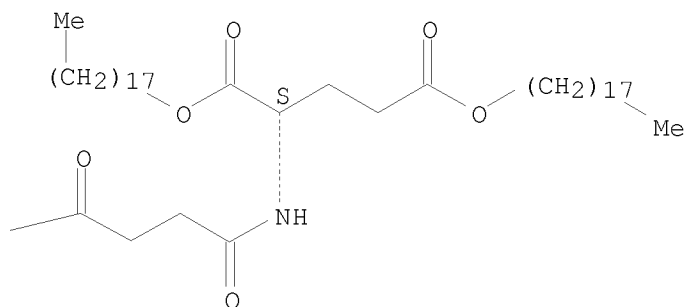
CN L-Glutamic acid, N2-[4-[[[(1S)-4-(octadecyloxy)-1-[(octadecyloxy)carbonyl]-4-oxobutyl]amino]-1,4-dioxobutyl]-L-arginylglycyl-L-α-aspartyl-β-alanyl-, 5,5-diocadecyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.

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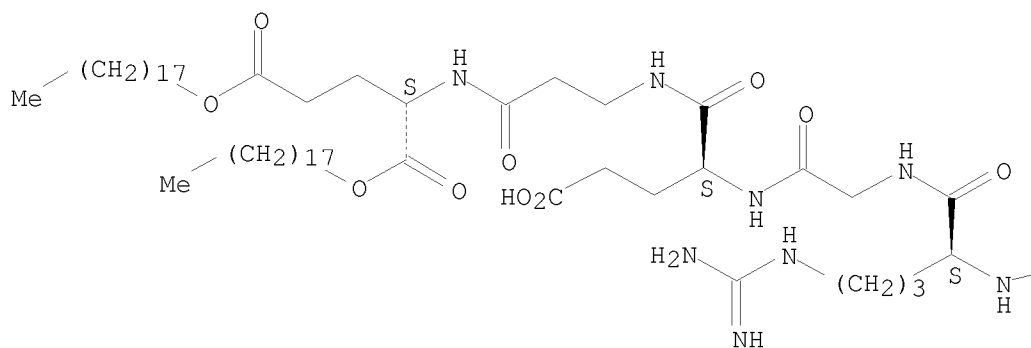


RN 257940-98-0 CAPLUS

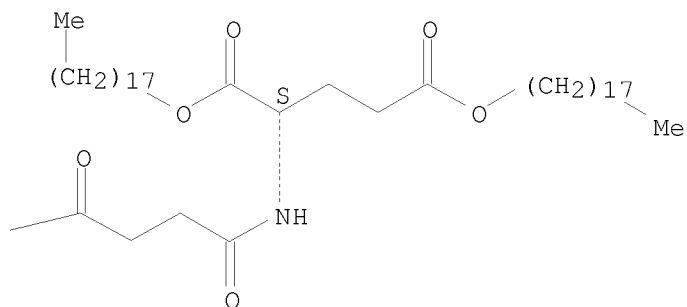
CN L-Glutamic acid, N2-[4-[[[(1S)-4-(octadecyloxy)-1-[(octadecyloxy)carbonyl]-4-oxobutyl]amino]-1,4-dioxobutyl]-L-arginylglycyl-L- $\alpha$ -glutamyl- $\beta$ -alanyl-, 5,5-diocetadecyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.

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IT	125401-64-1P	195247-73-5P	257940-88-8P
	257940-92-4P	257940-93-5P	257940-94-6P

257940-96-8P      257940-97-9P      257941-00-7P

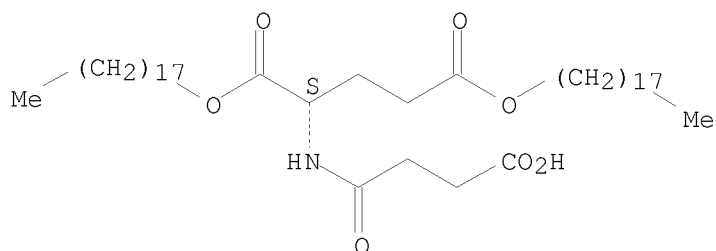
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(cellular recognition of synthetic peptide amphiphiles in self-assembled monolayer films)

RN 125401-64-1 CAPLUS

CN L-Glutamic acid, N-(3-carboxy-1-oxopropyl)-, 1,5-dioctadecyl ester (CA INDEX NAME)

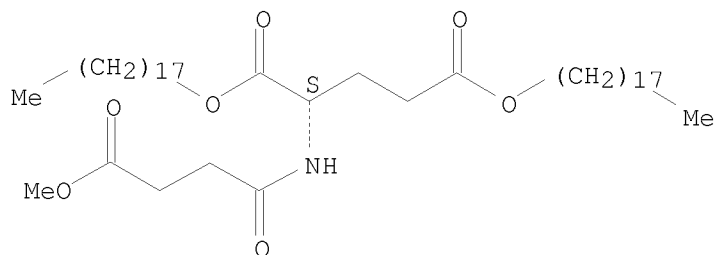
Absolute stereochemistry.



RN 195247-73-5 CAPLUS

CN L-Glutamic acid, N-(4-methoxy-1,4-dioxobutyl)-, dioctadecyl ester (9CI) (CA INDEX NAME)

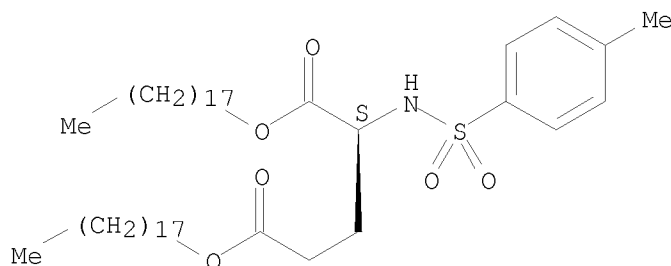
Absolute stereochemistry.



RN 257940-88-8 CAPLUS

CN L-Glutamic acid, N-[(4-methylphenyl)sulfonyl]-, dioctadecyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.

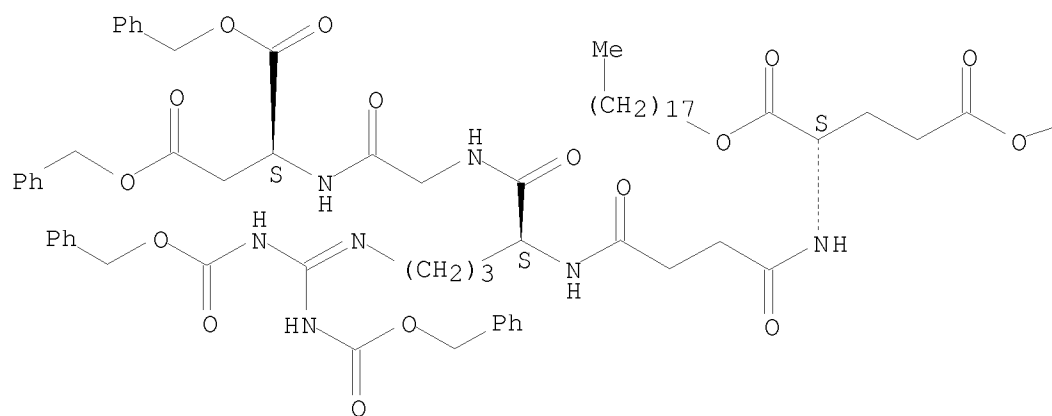


RN 257940-92-4 CAPLUS

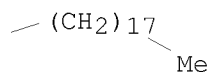
CN L-Aspartic acid, N5-[bis[[ (phenylmethoxy)carbonyl]amino]methylene]-N2-[4-[[ (1S)-4-(octadecyloxy)-1-[(octadecyloxy)carbonyl]-4-oxobutyl]amino]-1,4-dioxobutyl]-L-ornithylglycyl-, 3,3-bis(phenylmethyl) ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.

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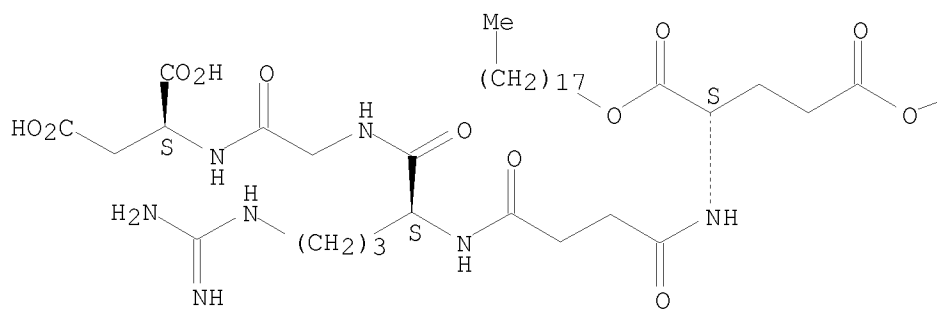


RN 257940-93-5 CAPLUS

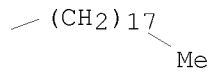
CN L-Aspartic acid, N2-[4-[[[(1S)-4-(octadecyloxy)-1-[(octadecyloxy)carbonyl]-4-oxobutyl]amino]-1,4-dioxobutyl]-L-arginylglycyl- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

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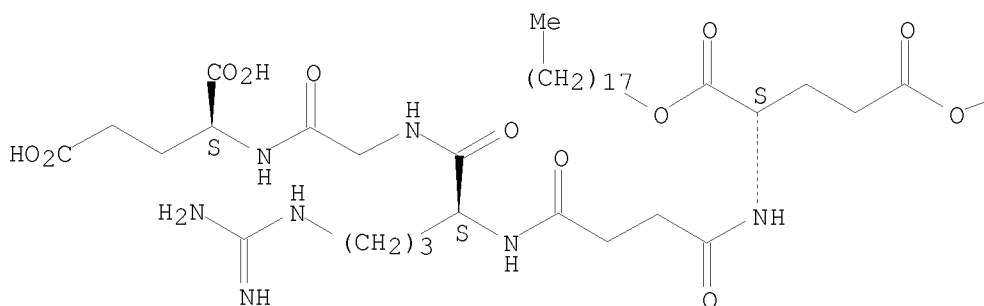
RN 257940-94-6 CAPLUS

CN L-Glutamic acid, N2-[4-[[[(1S)-4-(octadecyloxy)-1-[(octadecyloxy)carbonyl]-4-oxobutyl]amino]-1,4-dioxobutyl]-L-arginylglycyl- (9CI) (CA INDEX NAME)

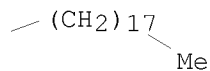
4-oxobutyl]amino]-1,4-dioxobutyl]-L-arginylglycyl- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

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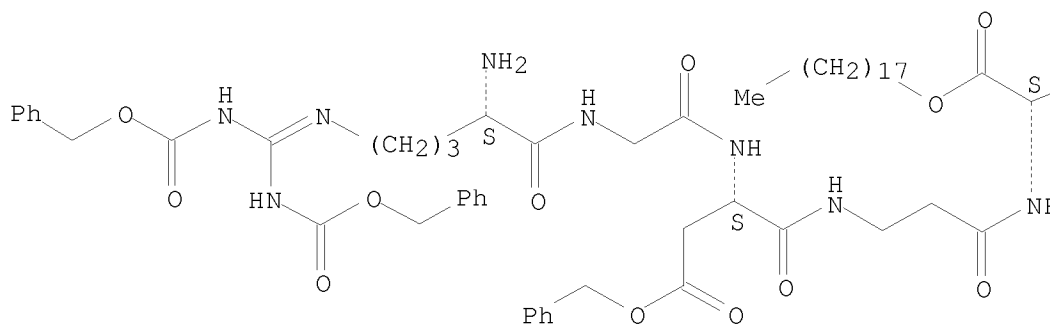
RN 257940-96-8 CAPLUS  
CN L-Glutamic acid, N5-[bis[[ (phenylmethoxy)carbonyl]amino]methylene]-L-ornithylglycyl-L- $\alpha$ -aspartyl- $\beta$ -alanyl-, 5,5-di-octadecyl 3-(phenylmethyl) ester, mono(trifluoroacetate) (9CI) (CA INDEX NAME)

CM 1

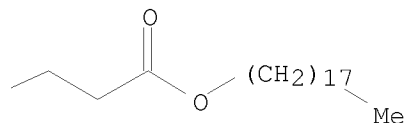
CRN 257940-95-7  
CMF C79 H124 N8 O14

Absolute stereochemistry.

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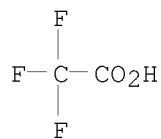




CM 2

CRN 76-05-1

CMF C2 H F3 O2

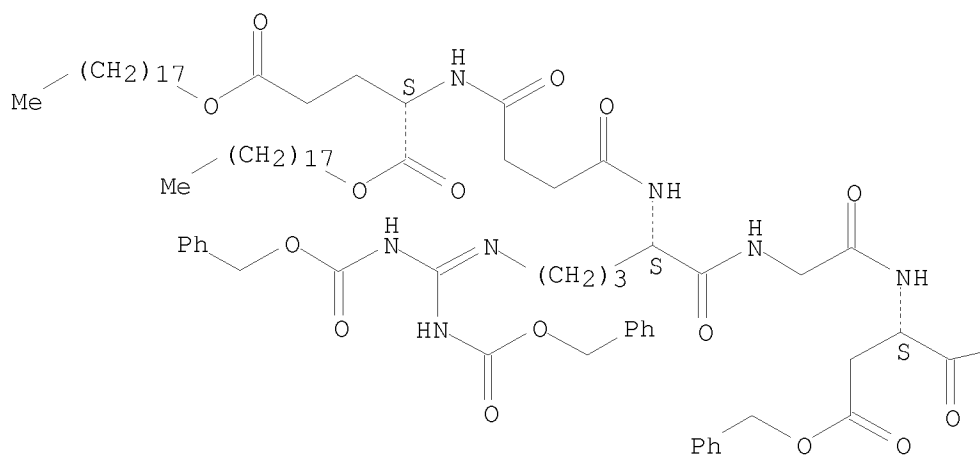


RN 257940-97-9 CAPLUS

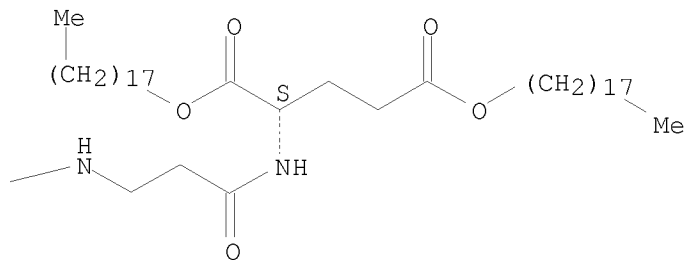
CN L-Glutamic acid, N5-[bis[[ (phenylmethoxy)carbonyl]amino]methylene]-N2-[4-  
[[ (1S)-4-(octadecyloxy)-1-[(octadecyloxy)carbonyl]-4-oxobutyl]amino]-1,4-  
dioxobutyl]-L-ornithylglycyl-L- $\alpha$ -aspartyl- $\beta$ -alanyl-,  
5,5-di-octadecyl 3-(phenylmethyl) ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.

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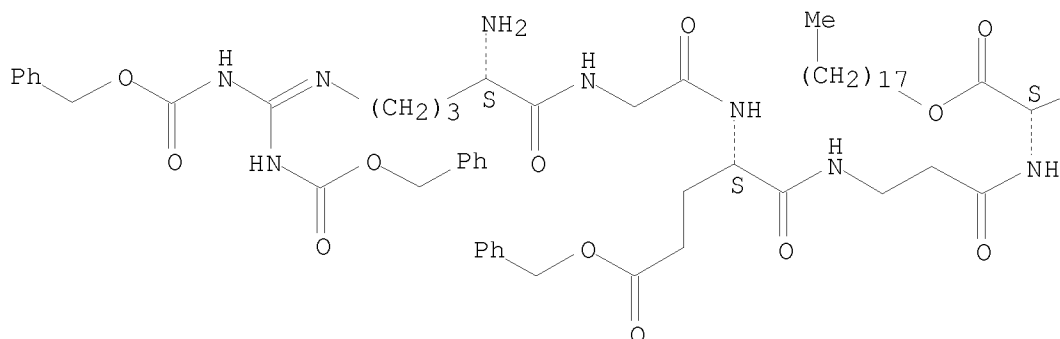
RN 257941-00-7 CAPLUS  
CN L-Glutamic acid, N5-[bis[[ (phenylmethoxy) carbonyl] amino]methylene]-L-ornithylglycyl-L- $\alpha$ -glutamyl- $\beta$ -alanyl-, 5,5-dioctadecyl 3-(phenylmethyl) ester, mono(trifluoroacetate) (9CI) (CA INDEX NAME)

CM 1

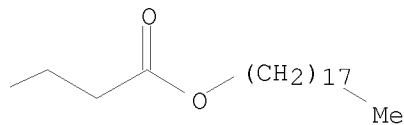
CRN 257940-99-1  
CMF C80 H126 N8 O14

Absolute stereochemistry.

PAGE 1-A

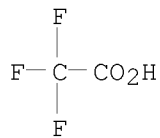


PAGE 1-B



CM 2

CRN 76-05-1  
CMF C2 H F3 O2



OS.CITING REF COUNT: 71 THERE ARE 71 CAPLUS RECORDS THAT CITE THIS RECORD (71 CITINGS)  
REFERENCE COUNT: 49 THERE ARE 49 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 587 OF 1480 CAPLUS COPYRIGHT 2011 ACS on STN  
ACCESSION NUMBER: 2000:295 CAPLUS  
DOCUMENT NUMBER: 132:52233  
TITLE: Ethoxylated phosphate esters and carboxylic acids as dispersants for asphaltenes in crude petroleum  
INVENTOR(S): Miller, Dennis; Vollmer, Axel; Feustel, Michael; Klug,

PATENT ASSIGNEE(S): Peter  
 SOURCE: Clariant G.m.b.H., Germany  
 Ger. Offen., 6 pp.  
 CODEN: GWXXBX  
 DOCUMENT TYPE: Patent  
 LANGUAGE: German  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 19828352	A1	19991230	DE 1998-19828352	19980625
EP 967361	B1	20030507	EP 1999-111842	19990619
R: DE, GB, IT				
NO 9903142	A	19991227	NO 1999-3142	19990624
US 6204420	B1	20010320	US 1999-338966	19990624
PRIORITY APPLN. INFO.:			DE 1998-19828352	A 19980625

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT

OTHER SOURCE(S): MARPAT 132:52233

IT 10025-06-6, Oleylsarcosine

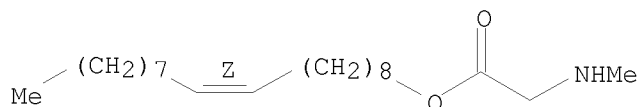
RL: TEM (Technical or engineered material use); USES (Uses)

(dispersants containing; ethoxylated phosphate esters and carboxylic acids  
 as dispersants for asphaltenes in crude petroleum)

RN 10025-06-6 CAPLUS

CN Glycine, N-methyl-, (9Z)-9-octadecen-1-yl ester (CA INDEX NAME)

Double bond geometry as shown.



OS.CITING REF COUNT: 3 THERE ARE 3 CAPLUS RECORDS THAT CITE THIS RECORD  
 (3 CITINGS)

L3 ANSWER 588 OF 1480 CAPLUS COPYRIGHT 2011 ACS on STN

ACCESSION NUMBER: 1999:801116 CAPLUS

DOCUMENT NUMBER: 132:180157

TITLE: New approaches to olefin cross-metathesis

AUTHOR(S): Blackwell, Helen E.; O'Leary, Daniel J.; Chatterjee,  
 Arnab K.; Washenfelder, Rebecca A.; Busmann, D.  
 Andrew; Grubbs, Robert H.

CORPORATE SOURCE: Arnold and Mabel Beckman Laboratory of Chemical  
 Synthesis Division of Chemistry and Chemical  
 Engineering, California Institute of Technology,  
 Pasadena, CA, 91125, USA

SOURCE: Journal of the American Chemical Society (2000),  
 122(1), 58-71

CODEN: JACSAT; ISSN: 0002-7863

PUBLISHER: American Chemical Society

DOCUMENT TYPE: Journal

LANGUAGE: English

OTHER SOURCE(S): CASREACT 132:180157

IT 215167-73-0P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT  
 (Reactant or reagent)

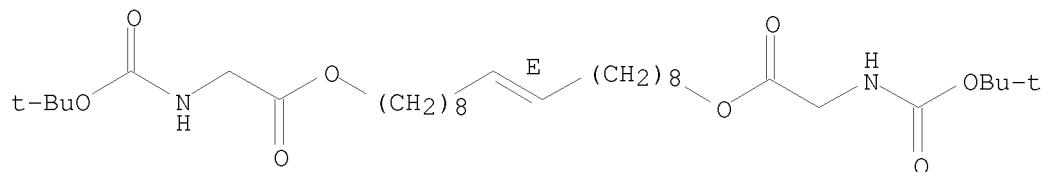
(preparation of protected allylic alcs., amines, and esters via  
 benzyldiruthenium-catalyzed cross-metathesis of terminal olefins)

RN 215167-73-0 CAPLUS

CN 5,24-Dioxa-2,27-diazaoctacos-14-enedioic acid, 4,25-dioxo-,

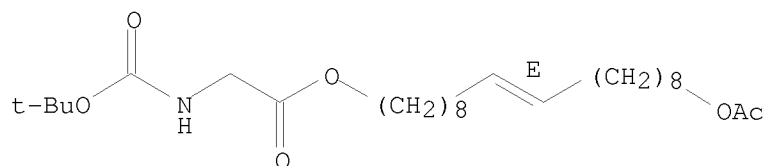
bis(1,1-dimethylethyl) ester, (14E)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



IT 259268-92-3P  
RL: SPN (Synthetic preparation); PREP (Preparation)  
(preparation of protected allylic alcs., amines, and esters via  
benzylideneruthenium-catalyzed cross-metathesis of terminal olefins)  
RN 259268-92-3 CAPLUS  
CN Glycine, N-[(1,1-dimethylethoxy)carbonyl]-,  
(9E)-18-(acetyloxy)-9-octadecen-1-yl ester (CA INDEX NAME)

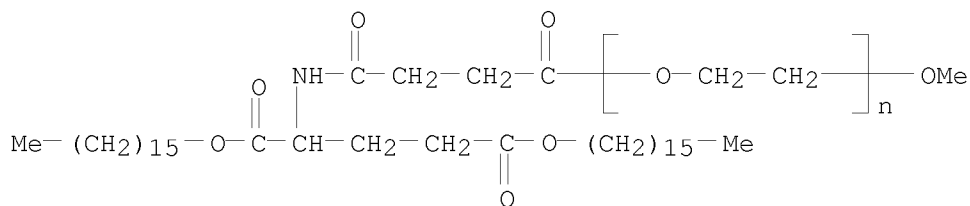
Double bond geometry as shown.



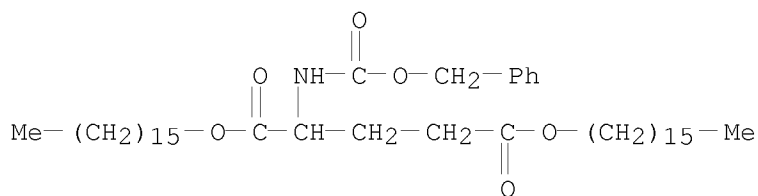
OS.CITING REF COUNT: 250 THERE ARE 250 CAPLUS RECORDS THAT CITE THIS  
RECORD (253 CITINGS)  
REFERENCE COUNT: 114 THERE ARE 114 CITED REFERENCES AVAILABLE FOR  
THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE  
FORMAT

L3 ANSWER 589 OF 1480 CAPLUS COPYRIGHT 2011 ACS on STN  
ACCESSION NUMBER: 1999:796452 CAPLUS  
DOCUMENT NUMBER: 132:170950  
TITLE: Synthesis of dihexadecyl N-[monomethoxypoly(ethylene  
glycol)]-L-glutamate and its effect on liposomes  
AUTHOR(S): Lee, Youn-Sik; Kim, Un-Jeong; Lee, Kuk-Haeng; Yu,  
Soo-Chang; Lee, Sang Hee  
CORPORATE SOURCE: Faculty of Chemical Engineering and Technology, The  
Research Institute of Industrial Technology, Chonbuk  
National University, Jeonju, 561-756, S. Korea  
SOURCE: Bulletin of the Korean Chemical Society (1999), 20(9),  
1085-1088  
CODEN: BKCSDE; ISSN: 0253-2964  
PUBLISHER: Korean Chemical Society  
DOCUMENT TYPE: Journal  
LANGUAGE: English

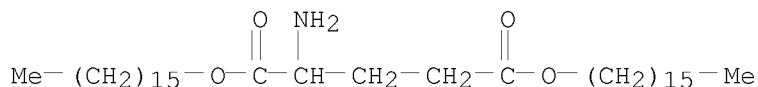
IT 258857-30-6P  
RL: PRP (Properties); SPN (Synthetic preparation); THU (Therapeutic use);  
BIOL (Biological study); PREP (Preparation); USES (Uses)  
(preparation of dihexadecyl N-[monomethoxypoly(ethylene glycol)]-L-glutamate  
and its effect on liposomes)  
RN 258857-30-6 CAPLUS  
CN Poly(oxy-1,2-ethanediyl),  $\alpha$ -[4-[[[(1S)-4-(hexadecyloxy)-1-  
[(hexadecyloxy)carbonyl]-4-oxobutyl]amino]-1,4-dioxobutyl]- $\omega$ -methoxy-  
(9CI) (CA INDEX NAME)



IT 258857-28-2P 258857-29-3P  
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT  
 (Reactant or reagent)  
 (preparation of dihexadecyl N-[monomethoxypoly(ethylene glycol)]-L-glutamate  
 and its effect on liposomes)  
 RN 258857-28-2 CAPLUS  
 CN Glutamic acid, N-[(phenylmethoxy)carbonyl]-, dihexadecyl ester (9CI) (CA  
 INDEX NAME)



RN 258857-29-3 CAPLUS  
 CN Glutamic acid, dihexadecyl ester (9CI) (CA INDEX NAME)



OS.CITING REF COUNT: 2 THERE ARE 2 CAPLUS RECORDS THAT CITE THIS RECORD  
 (2 CITINGS)  
 REFERENCE COUNT: 26 THERE ARE 26 CITED REFERENCES AVAILABLE FOR THIS  
 RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 590 OF 1480 CAPLUS COPYRIGHT 2011 ACS on STN  
 ACCESSION NUMBER: 1999:757615 CAPLUS  
 DOCUMENT NUMBER: 132:89902  
 TITLE: Catalytic and Structural Properties of  
 Surfactant-Horseradish Peroxidase Complex in Organic  
 Media  
 AUTHOR(S): Kamiya, Noriho; Inoue, Masahito; Goto, Masahiro;  
 Nakamura, Nobuhumi; Naruta, Yoshinori  
 CORPORATE SOURCE: Department of Chemical Systems & Engineering, Graduate  
 School of Engineering, and Institute for Fundamental  
 Research of Organic Chemistry, Kyushu University,  
 Fukuoka, 812-8581, Japan  
 SOURCE: Biotechnology Progress (2000), 16(1), 52-58  
 CODEN: BIPRET; ISSN: 8756-7938  
 PUBLISHER: American Chemical Society  
 DOCUMENT TYPE: Journal  
 LANGUAGE: English  
 IT 108779-63-1D, Dioleoyl glutamate ribitol amide, complexes with  
 horseradish peroxidase

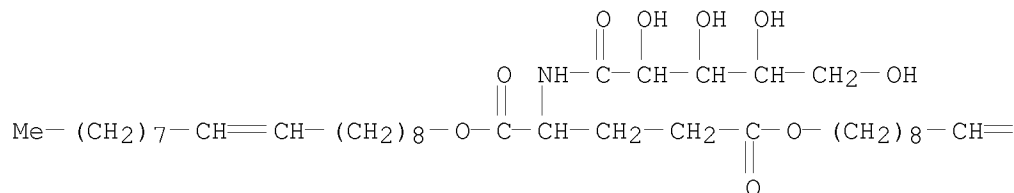
RL: PRP (Properties)

(catalytic and structural properties of surfactant-horseradish  
peroxidase complex in benzene)

RN 108779-63-1 CAPLUS

CN L-Glutamic acid, N-D-ribonoyl-, 1,4-di-(9Z)-9-octadecen-1-yl ester (CA  
INDEX NAME)

PAGE 1-A



PAGE 1-B

=CH-(CH<sub>2</sub>)<sub>7</sub>-Me

OS.CITING REF COUNT: 23 THERE ARE 23 CAPLUS RECORDS THAT CITE THIS  
RECORD (23 CITINGS)  
REFERENCE COUNT: 38 THERE ARE 38 CITED REFERENCES AVAILABLE FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 591 OF 1480 CAPLUS COPYRIGHT 2011 ACS on STN  
ACCESSION NUMBER: 1999:753403 CAPLUS  
DOCUMENT NUMBER: 132:4263  
TITLE: Softening finish composition  
INVENTOR(S): Ohtawa, Yasuki; Kato, Toru; Nishimoto, Uichiro;  
Hatayama, Yoshio; Kaneko, Yohei  
PATENT ASSIGNEE(S): Kao Corporation, Japan  
SOURCE: PCT Int. Appl., 28 pp.  
CODEN: PIXXD2  
DOCUMENT TYPE: Patent  
LANGUAGE: Japanese  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
-----	----	-----	-----	-----
WO 9960198	A1	19991125	WO 1999-JP2619	19990519
W: DE, US				
RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
JP 2000045178	A	20000215	JP 1999-55243	19990303
JP 4101387	B2	20080618		
JP 2000064177	A	20000229	JP 1999-55244	19990303
JP 4101388	B2	20080618		
EP 1081269	A1	20010307	EP 1999-919655	19990519
EP 1081269	B1	20040324		
R: DE, ES, FR, GB				
ES 2217749	T3	20041101	ES 1999-919655	19990519
US 6541444	B1	20030401	US 2000-700498	20001229

US 20030176312 A1 20030918 US 2003-368374 20030220  
 US 7351685 B2 20080401  
 PRIORITY APPLN. INFO.: JP 1998-138701 A 19980520  
 JP 1998-162329 A 19980610  
 JP 1999-55243 A 19990303  
 JP 1999-55244 A 19990303  
 WO 1999-JP2619 W 19990519  
 US 2000-700498 A3 20001229

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT

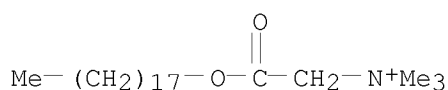
OTHER SOURCE(S): MARPAT 132:4263

IT 75163-83-6

RL: TEM (Technical or engineered material use); USES (Uses)  
 (biodegradable fabric softening agents)

RN 75163-83-6 CAPLUS

CN Ethanaminium, N,N,N-trimethyl-2-(octadecyloxy)-2-oxo-, chloride (1:1) (CA  
 INDEX NAME)



REFERENCE COUNT: 22 THERE ARE 22 CITED REFERENCES AVAILABLE FOR THIS  
 RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 592 OF 1480 CAPLUS COPYRIGHT 2011 ACS on STN

ACCESSION NUMBER: 1999:752861 CAPLUS

DOCUMENT NUMBER: 131:355931

TITLE: Hydrophobically modified polyaspartic acid derivatives  
 in o/w emulsions

INVENTOR(S): Gruening, Burghard; Simpelkamp, Joerg; Weitemeyer,  
 Christian

PATENT ASSIGNEE(S): Th. Goldschmidt A.-G., Germany

SOURCE: Eur. Pat. Appl., 13 pp.

CODEN: EPXXDW

DOCUMENT TYPE: Patent

LANGUAGE: German

FAMILY ACC. NUM. COUNT: 1

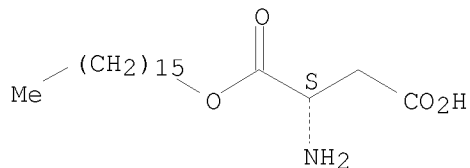
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 958811	A1	19991124	EP 1999-109059	19990507
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
DE 19822601	A1	19991125	DE 1998-19822601	19980520
PRIORITY APPLN. INFO.:			DE 1998-19822601	A 19980520
IT 250598-58-4P		250598-59-5P		
RL: BUU (Biological use, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses) (hydrophobically modified polyaspartic acid derivs. in cosmetic o/w emulsions)				
RN 250598-58-4	CAPLUS			
CN L-Aspartic acid, polymer with 1-hexadecyl hydrogen L-aspartate (9CI)				(CA INDEX NAME)

CM 1

CRN 107814-57-3  
CMF C20 H39 N O4

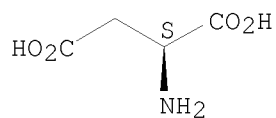
Absolute stereochemistry.



CM 2

CRN 56-84-8  
CMF C4 H7 N O4

Absolute stereochemistry. Rotation (+).

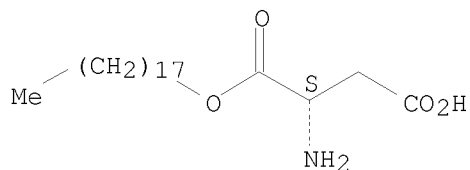


RN 250598-59-5 CAPLUS  
CN L-Aspartic acid, polymer with 1-octadecyl hydrogen L-aspartate (9CI) (CA INDEX NAME)

CM 1

CRN 165054-39-7  
CMF C22 H43 N O4

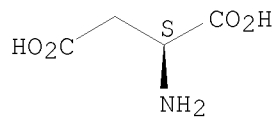
Absolute stereochemistry.



CM 2

CRN 56-84-8  
CMF C4 H7 N O4

Absolute stereochemistry. Rotation (+).

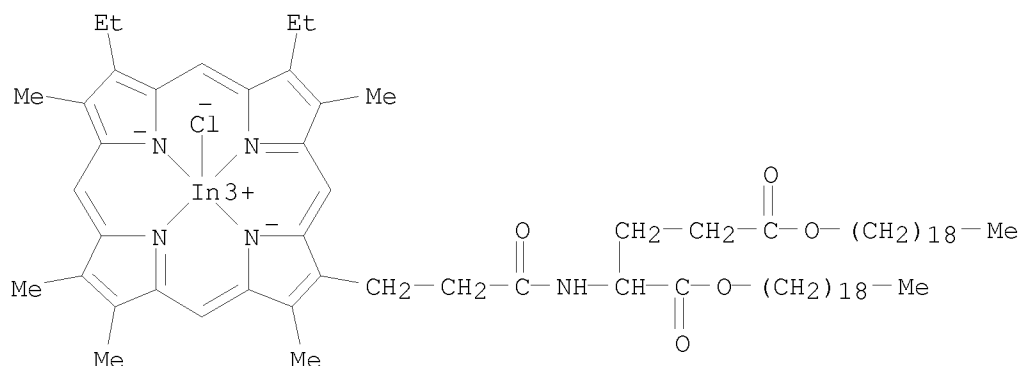




OS.CITING REF COUNT: 9 THERE ARE 9 CAPLUS RECORDS THAT CITE THIS RECORD  
(9 CITINGS)  
REFERENCE COUNT: 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 593 OF 1480 CAPLUS COPYRIGHT 2011 ACS on STN  
ACCESSION NUMBER: 1999:751684 CAPLUS  
DOCUMENT NUMBER: 132:20804  
TITLE: Metal complex constituent for bicarbonate-selective  
membrane electrode  
INVENTOR(S): Taira, Hiroaki; Ibaraki, Kazuya; Matsuchi, Kazuhiro;  
Yamamoto, Hiromasa  
PATENT ASSIGNEE(S): Tokuyama Corp., Japan; A and T K. K.  
SOURCE: Jpn. Kokai Tokkyo Koho, 41 pp.  
CODEN: JKXXAF  
DOCUMENT TYPE: Patent  
LANGUAGE: Japanese  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 11323155	A	19991126	JP 1999-63001	19990310
PRIORITY APPLN. INFO.:			JP 1998-63017	A 19980313
OTHER SOURCE(S):	MARPAT	132:20804		
IT 251938-61-1				
RL: NUU (Other use, unclassified); USES (Uses)				
(metal complex constituent for bicarbonate-selective membrane electrode)				
RN 251938-61-1 CAPLUS				
CN Indium, chloro[dinonadecyl N-[3-(13,17-diethyl-3,7,8,12,18-pentamethyl-21H,23H-porphin-2-yl-κN21,κN22,κN23,κN24)-1-oxopropyl]-L-glutamato(2-)]-, (SP-5-13)- (9CI) (CA INDEX NAME)				



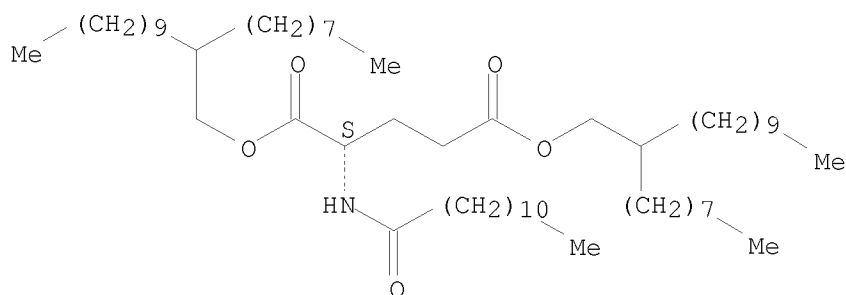
L3 ANSWER 594 OF 1480 CAPLUS COPYRIGHT 2011 ACS on STN  
ACCESSION NUMBER: 1999:747276 CAPLUS  
DOCUMENT NUMBER: 132:6226  
TITLE: Manufacture of titania-containing silica spheres for  
UV-reflecting cosmetics  
INVENTOR(S): Mori, Hiroo; Hirano, Hachiro; Kusaka, Makoto  
PATENT ASSIGNEE(S): Asahi Glass Co., Ltd., Japan  
SOURCE: Jpn. Kokai Tokkyo Koho, 6 pp.  
CODEN: JKXXAF  
DOCUMENT TYPE: Patent  
LANGUAGE: Japanese

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	JP 11322324	A	19991124	JP 1998-126273	19980508
PRIORITY APPLN. INFO.:				JP 1998-126273	19980508
IT	82204-94-2				
	RL: PEP (Physical, engineering or chemical process); TEM (Technical or engineered material use); PROC (Process); USES (Uses)				
	(in manufacture of titania-containing silica spheres for UV-reflecting cosmetics)				
RN	82204-94-2	CAPLUS			
CN	L-Glutamic acid, N-(1-oxododecyl)-, 1,5-bis(2-octyldodecyl) ester (CA INDEX NAME)				

Absolute stereochemistry.



L3 ANSWER 595 OF 1480 CAPLUS COPYRIGHT 2011 ACS on STN  
ACCESSION NUMBER: 1999:722700 CAPLUS  
DOCUMENT NUMBER: 131:342005  
TITLE: Amino acid derivatives and anti-inflammatory agents  
INVENTOR(S): Kitazawa, Manabu; Iwasaki, Keiji; Shiojiri, Eiji  
PATENT ASSIGNEE(S): Ajinomoto Co., Inc., Japan  
SOURCE: Eur. Pat. Appl., 24 pp.  
CODEN: EPXXDW  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	EP 955046	A2	19991110	EP 1999-302630	19990401
	EP 955046	A3	20000906		
	EP 955046	B1	20050622		
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
	TW 544310	B	20030801	TW 1999-105160	19990331
	CA 2267815	A1	19991002	CA 1999-2267815	19990401
	ES 2244147	T3	20051201	ES 1999-302630	19990401
	JP 11343235	A	19991214	JP 1999-96210	19990402
	US 6552061	B1	20030422	US 1999-285390	19990402
PRIORITY APPLN. INFO.:				JP 1998-105336	A 19980402
ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT					
OTHER SOURCE(S):	MARPAT 131:342005				
IT	213746-19-1				
	RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); THU (Therapeutic use); BIOL (Biological study); USES				

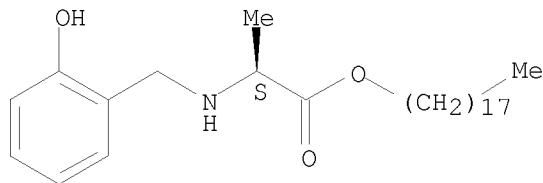
(Uses)

(preparation of anti-inflammatory amino acid derivs.)

RN 213746-19-1 CAPLUS

CN L-Alanine, N-[(2-hydroxyphenyl)methyl]-, octadecyl ester (CA INDEX NAME)

Absolute stereochemistry.



OS.CITING REF COUNT: 8 THERE ARE 8 CAPLUS RECORDS THAT CITE THIS RECORD  
(12 CITINGS)

L3 ANSWER 596 OF 1480 CAPLUS COPYRIGHT 2011 ACS on STN

ACCESSION NUMBER: 1999:698818 CAPLUS

DOCUMENT NUMBER: 132:166475

TITLE: Supramolecular receptors from  $\alpha$ -amino acid-derived lipids

AUTHOR(S): Hachisako, Hiroshi; Murata, Yutaka; Ihara, Hirotaka

CORPORATE SOURCE: 4-22-1 Ikeda, Department of Applied Chemistry,  
Kumamoto Institute of Technology, Kumamoto, 860-0082,  
Japan

SOURCE: Journal of the Chemical Society, Perkin Transactions  
2: Physical Organic Chemistry (1999), (11), 2569-2577  
CODEN: JCPKBH; ISSN: 0300-9580

PUBLISHER: Royal Society of Chemistry

DOCUMENT TYPE: Journal

LANGUAGE: English

IT 161483-20-1

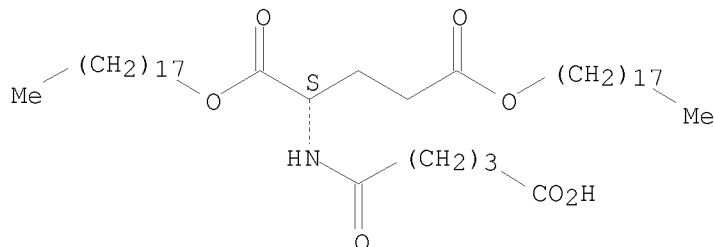
RL: PRP (Properties)

(supramol. receptors from  $\alpha$ -amino acid-derived lipids)

RN 161483-20-1 CAPLUS

CN L-Glutamic acid, N-(4-carboxy-1-oxobutyl)-, 1,5-dioctadecyl ester (CA  
INDEX NAME)

Absolute stereochemistry.

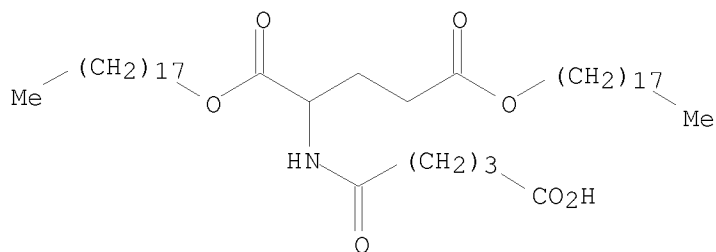


IT 161483-23-4P

RL: PRP (Properties); SPN (Synthetic preparation); PREP (Preparation)  
(supramol. receptors from  $\alpha$ -amino acid-derived lipids)

RN 161483-23-4 CAPLUS

CN Glutamic acid, N-(4-carboxy-1-oxobutyl)-, 1,5-dioctadecyl ester (CA INDEX  
NAME)



OS.CITING REF COUNT: 13 THERE ARE 13 CAPLUS RECORDS THAT CITE THIS RECORD (14 CITINGS)  
REFERENCE COUNT: 25 THERE ARE 25 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 597 OF 1480 CAPLUS COPYRIGHT 2011 ACS on STN  
ACCESSION NUMBER: 1999:691113 CAPLUS  
DOCUMENT NUMBER: 131:327523  
TITLE: Glutathione derivatives as hematopoiesis promoters and dosage forms thereof  
INVENTOR(S): Sakon, Kiyoyuki; Naniwa, Yoshimitsu; Kobayashi, Mitsuru; Miura, Daishiro; Imai, Hiroshi; Imaizumi, Atsushi  
PATENT ASSIGNEE(S): Teijin Limited, Japan  
SOURCE: PCT Int. Appl., 75 pp.  
CODEN: PIXXD2  
DOCUMENT TYPE: Patent  
LANGUAGE: Japanese  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9954346	A1	19991028	WO 1999-JP2044	19990416
W: AU, CA, CN, ID, JP, KR, SG, US				
RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
CA 2328731	A1	19991028	CA 1999-2328731	19990416
AU 9933445	A	19991108	AU 1999-33445	19990416
AU 766515	B2	20031016		
EP 1072608	A1	20010131	EP 1999-914763	19990416
EP 1072608	B1	20050615		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI				
TW 576838	B	20040221	TW 1999-106145	19990416
AT 297945	T	20050715	AT 1999-914763	19990416
JP 4059627	B2	20080312	JP 2000-544684	19990416
US 6627732	B1	20030930	US 2000-673449	20001016
US 20040018985	A1	20040129	US 2003-622799	20030721
PRIORITY APPLN. INFO.:			JP 1998-106359	A 19980416
			WO 1999-JP2044	W 19990416
			US 2000-673449	A3 20001016

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT

OTHER SOURCE(S): MARPAT 131:327523

IT 247232-78-6P 247232-83-3P 247232-89-9P  
247232-92-4P 247232-96-8P 247233-06-3P  
247233-14-3P 247233-19-8P

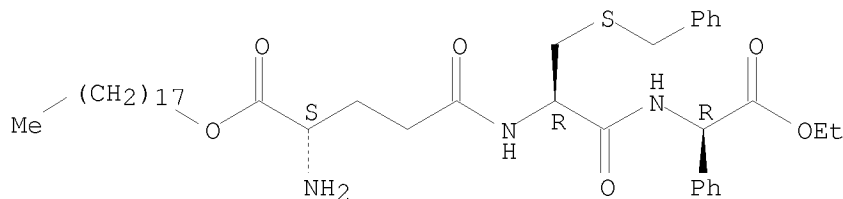
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)  
(glutathione derivs. as hematopoiesis promoters and dosage forms

thereof)

RN 247232-78-6 CAPLUS

CN Glycine, L- $\gamma$ -glutamyl-S-(phenylmethyl)-L-cysteinyl-2-phenyl-,  
3-ethyl 1-octadecyl ester, monohydrochloride, (2R)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

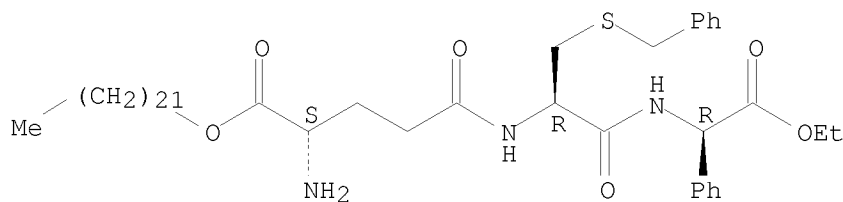


● HCl

RN 247232-83-3 CAPLUS

CN Glycine, L- $\gamma$ -glutamyl-S-(phenylmethyl)-L-cysteinyl-2-phenyl-,  
1-docosyl 3-ethyl ester, monohydrochloride, (2R)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



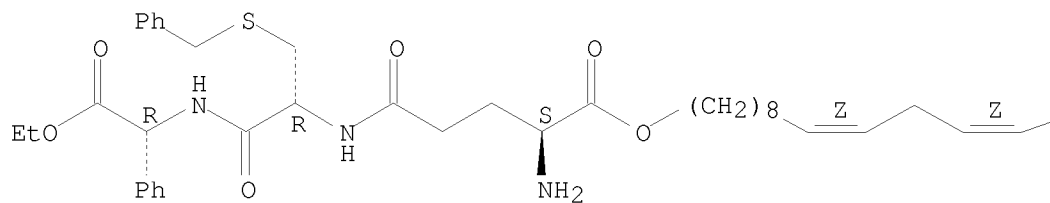
● HCl

RN 247232-89-9 CAPLUS

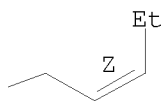
CN Glycine, L- $\gamma$ -glutamyl-S-(phenylmethyl)-L-cysteinyl-2-phenyl-,  
3-ethyl 1-(9Z,12Z,15Z)-9,12,15-octadecatrienyl ester, monohydrochloride,  
(2R)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

Double bond geometry as shown.



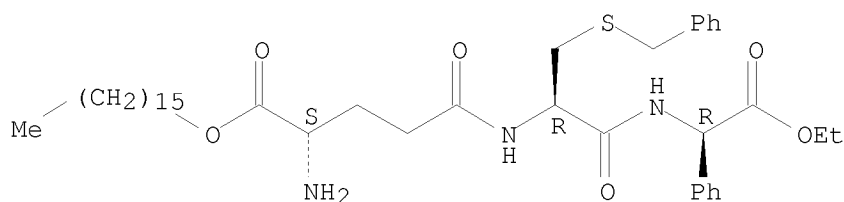
● HCl



RN 247232-92-4 CAPLUS

CN Glycine, L- $\gamma$ -glutamyl-S-(phenylmethyl)-L-cysteinyl-2-phenyl-,  
3-ethyl 1-hexadecyl ester, monohydrochloride, (2R)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

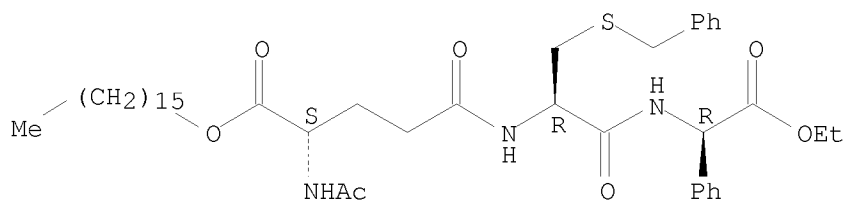


● HCl

RN 247232-96-8 CAPLUS

CN Glycine, N-acetyl-L- $\gamma$ -glutamyl-S-(phenylmethyl)-L-cysteinyl-2-phenyl-,  
, 3-ethyl 1-hexadecyl ester, (2R)- (9CI) (CA INDEX NAME)

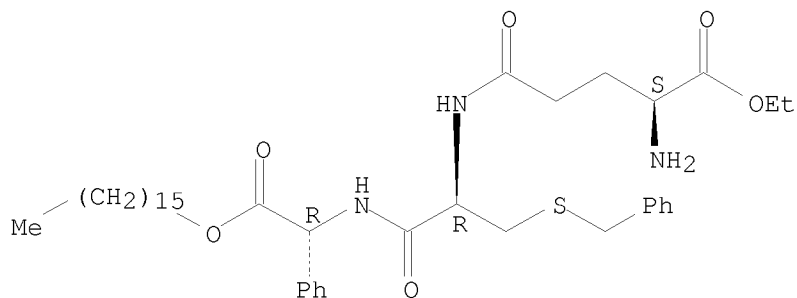
Absolute stereochemistry.



RN 247233-06-3 CAPLUS

CN Glycine, L- $\gamma$ -glutamyl-S-(phenylmethyl)-L-cysteinyl-2-phenyl-,  
1-ethyl 3-hexadecyl ester, monohydrochloride, (2R)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

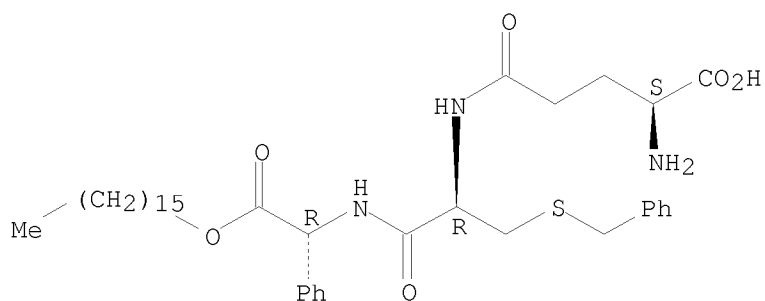


● HCl

RN 247233-14-3 CAPLUS

CN Glycine, L-γ-glutamyl-S-(phenylmethyl)-L-cysteinyl-2-phenyl-,  
3-hexadecyl ester, monohydrochloride, (2R)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

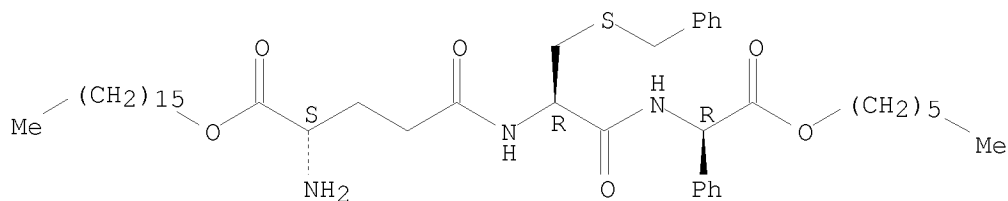


● HCl

RN 247233-19-8 CAPLUS

CN Glycine, L-γ-glutamyl-S-(phenylmethyl)-L-cysteinyl-2-phenyl-,  
1-hexadecyl 3-hexyl ester, monohydrochloride, (2R)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



● HCl

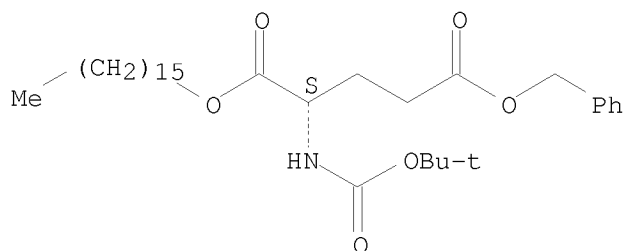
IT	153508-58-8P	247233-44-9P	247233-61-0P
	247233-63-2P	247233-71-2P	

RN	153508-58-8	CAPLUS
CN	L-Glutamic acid, N-[(1,1-dimethylethoxy)carbonyl]-, 1-octadecyl 5-(phenylmethyl) ester (CA INDEX NAME)	

CCCCCCCCCCCCCCCCCCCC(=O)SCC(=O)OCC1=CC=CC=C1NC(=O)OCC(C)CCCCCCCCCCCCCCCCCCOC(=O)C(R)N(C(=O)C(R)CSCc1ccccc1)C(=O)OC(C)CCCCCCCCCCCCCCCCCCCCC(=O)S(CC(=O)OCC1=CC=CC=C1)NC(=O)OCC(C)C

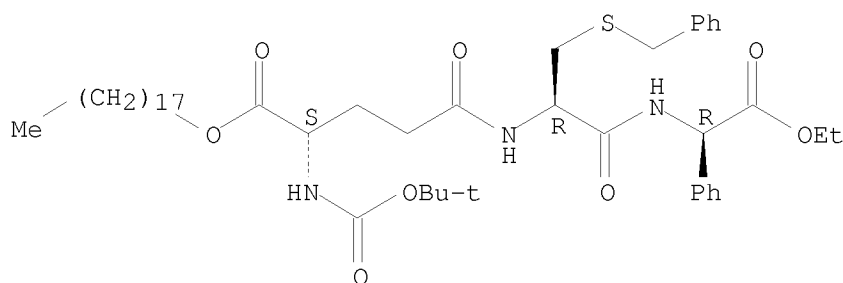
Absolute stereochemistry.





RN 247233-71-2 CAPLUS  
 CN Glycine, N-[(1,1-dimethylethoxy)carbonyl]-L- $\gamma$ -glutamyl-S-(phenylmethyl)-L-cysteinyl-2-phenyl-, 3-ethyl 1-octadecyl ester, (2R)-(9CI) (CA INDEX NAME)

Absolute stereochemistry.



OS.CITING REF COUNT: 4 THERE ARE 4 CAPLUS RECORDS THAT CITE THIS RECORD (5 CITINGS)  
 REFERENCE COUNT: 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 598 OF 1480 CAPLUS COPYRIGHT 2011 ACS on STN  
 ACCESSION NUMBER: 1999:690991 CAPLUS  
 DOCUMENT NUMBER: 131:308623  
 TITLE: Ultrasound imaging contrast agents, particularly for perfusion in the myocardium  
 INVENTOR(S): Eriksen, Morten; Tolleshaug, Helge; Skurtveit, Roald; Cuthbertson, Alan; Ostensen, Jonny; Frigstad, Sigmund; Rongved, Pal  
 PATENT ASSIGNEE(S): Marsden, John Christopher, UK; Nycomed Imaging AS  
 SOURCE: PCT Int. Appl., 80 pp.  
 CODEN: PIXXD2  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9953963	A1	19991028	WO 1999-GB1221	19990422
W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZA, ZW RW: GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG,				

CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG

CA 2329175	A1	19991028	CA 1999-2329175	19990422
AU 9936172	A	19991108	AU 1999-36172	19990422
BR 9909822	A	20001219	BR 1999-9822	19990422
EP 1073473	A1	20010207	EP 1999-918133	19990422
EP 1073473	B1	20071017		

R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI, CY

HU 2001002878	A2	20020328	HU 2001-2878	19990422
HU 2001002878	A3	20021228		
JP 2002512206	T	20020423	JP 2000-544366	19990422
AT 375806	T	20071115	AT 1999-918133	19990422
IN 2000MN00503	A	20050715	IN 2000-MN503	20001011
ZA 2000005789	A	20010730	ZA 2000-5789	20001018
NO 2000005250	A	20001218	NO 2000-5250	20001019
MX 2000010301	A	20020311	MX 2000-10301	20001020
US 20040146462	A1	20040729	US 2003-717196	20031119

PRIORITY APPLN. INFO.:

			GB 1998-8599	A 19980422
			US 1998-84880P	P 19980508
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			US 2000-693836	B1 20001023

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT

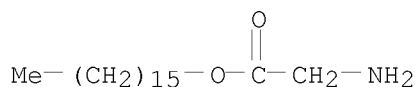
IT 54162-47-9 220527-81-1 247231-52-3

RL: NUU (Other use, unclassified); THU (Therapeutic use); BIOL (Biological study); USES (Uses)

(as cationic additive; ultrasound imaging contrast agents, particularly for perfusion in the myocardium)

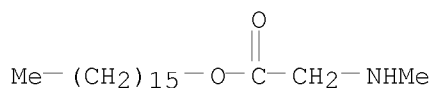
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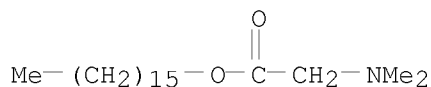
RN 220527-81-1 CAPLUS

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RN 247231-52-3 CAPLUS

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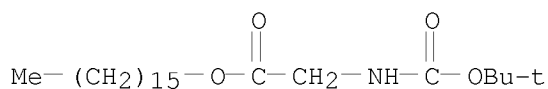
IT 247231-48-7P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

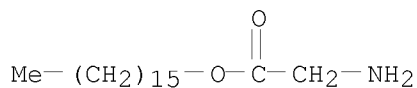
(ultrasound imaging contrast agents, particularly for perfusion in the myocardium)

RN 247231-48-7 CAPLUS

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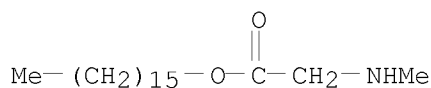


IT 31005-39-7P 247231-49-8P 247231-50-1P  
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 (ultrasound imaging contrast agents, particularly for perfusion in the myocardium)  
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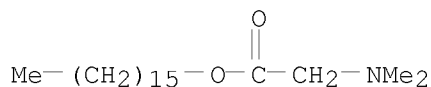
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RN 247231-49-8 CAPLUS  
 CN Glycine, N-methyl-, hexadecyl ester, hydrochloride (9CI) (CA INDEX NAME)



● HCl

RN 247231-50-1 CAPLUS  
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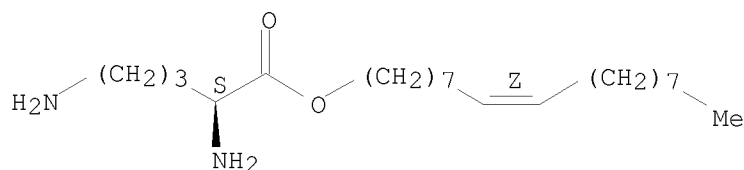
● HCl

OS.CITING REF COUNT: 1 THERE ARE 1 CAPLUS RECORDS THAT CITE THIS RECORD (1 CITINGS)  
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L3 ANSWER 599 OF 1480 CAPLUS COPYRIGHT 2011 ACS on STN  
 ACCESSION NUMBER: 1999:682843 CAPLUS  
 DOCUMENT NUMBER: 132:127590  
 TITLE: Synthesis of a single-tailed cationic lipid and investigation of its transfection

AUTHOR(S): Tang, F.; Hughes, J. A.  
 CORPORATE SOURCE: Department of Pharmaceuticals, College of Pharmacy,  
 University of Florida, Gainesville, FL, USA  
 SOURCE: Journal of Controlled Release (1999), 62(3), 345-358  
 CODEN: JCREEC; ISSN: 0168-3659  
 PUBLISHER: Elsevier Science Ireland Ltd.  
 DOCUMENT TYPE: Journal  
 LANGUAGE: English  
 IT 256340-83-7P  
 RL: SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological  
 study); PREP (Preparation); USES (Uses)  
 (preparation of a single-tailed cationic lipid and investigation of its  
 transfection)  
 RN 256340-83-7 CAPLUS  
 CN L-Ornithine, (8Z)-8-heptadecen-1-yl ester (CA INDEX NAME)

Absolute stereochemistry.  
 Double bond geometry as shown.



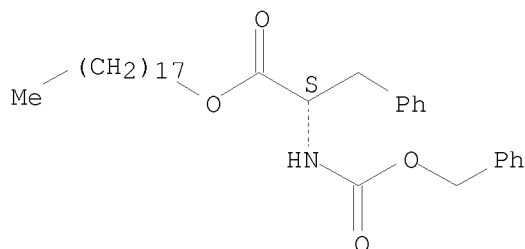
OS.CITING REF COUNT: 34 THERE ARE 34 CAPLUS RECORDS THAT CITE THIS  
 RECORD (34 CITINGS)  
 REFERENCE COUNT: 29 THERE ARE 29 CITED REFERENCES AVAILABLE FOR THIS  
 RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 600 OF 1480 CAPLUS COPYRIGHT 2011 ACS on STN  
 ACCESSION NUMBER: 1999:672800 CAPLUS  
 DOCUMENT NUMBER: 131:286518  
 TITLE: Preparation of substituted carbonyldiimidazoles as  
 coupling activators and coupling reagents in organic  
 synthesis  
 INVENTOR(S): Vargeese, Chandra; Palle, Venkata  
 PATENT ASSIGNEE(S): Nexstar Pharmaceuticals, Inc., USA  
 SOURCE: PCT Int. Appl., 22 pp.  
 CODEN: PIXXD2  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9952897	A1	19991021	WO 1999-US8022	19990413
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RW: GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
AU 9935562	A	19991101	AU 1999-35562	19990413
PRIORITY APPLN. INFO.:			US 1998-81693P	P 19980414
			WO 1999-US8022	W 19990413
OTHER SOURCE(S):		CASREACT 131:286518		

IT 120418-34-0P  
 RL: SPN (Synthetic preparation); PREP (Preparation)  
 (preparation of substituted carbonyldiimidazoles as coupling activators and  
 coupling reagents in organic synthesis)  
 RN 120418-34-0 CAPLUS  
 CN L-Phenylalanine, N-[(phenylmethoxy)carbonyl]-, octadecyl ester (CA INDEX  
 NAME)

Absolute stereochemistry.



REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS  
 RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

=>

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NEWS	3	OCT 06	Increase your retrieval consistency with new formats or for Taiwanese application numbers in CA/Caplus.
NEWS	4	OCT 21	CA/Caplus kind code changes for Chinese patents increase consistency, save time
NEWS	5	OCT 22	New version of STN Viewer preserves custom highlighting of terms when patent documents are saved in .rtf format
NEWS	6	OCT 28	INPADOCDB/INPAFAMDB: Enhancements to the US national patent classification.
NEWS	7	NOV 03	New format for Korean patent application numbers in CA/Caplus increases consistency, saves time.
NEWS	8	NOV 04	Selected STN databases scheduled for removal on December 31, 2010
NEWS	9	NOV 18	PROUSDDR and SYNTHLINE Scheduled for Removal December 31, 2010 by Request of Prous Science
NEWS	10	NOV 22	Higher System Limits Increase the Power of STN

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backfile extension to 1946

NEWS 12 DEC 14 New PNK Field Allows More Precise Crossover among STN  
Patent Databases

NEWS 13 DEC 18 ReaxysFile available on STN

NEWS 14 DEC 21 CAS Learning Solutions -- a new online training experience

NEWS 15 DEC 22 Value-Added Indexing Improves Access to World Traditional  
Medicine Patents in CAplus

NEWS 16 JAN 24 The new and enhanced DPCI file on STN has been released

NEWS 17 JAN 26 Improved Timeliness of CAS Indexing Adds Value to  
USPATFULL and USPAT2 Chemistry Patents

NEWS 18 JAN 26 Updated MeSH vocabulary, new structured abstracts, and  
other enhancements improve searching in STN reload of  
MEDLINE

NEWS 19 JAN 28 CABA will be updated weekly

NEWS EXPRESS FEBRUARY 15 10 CURRENT WINDOWS VERSION IS V8.4.2,  
AND CURRENT DISCOVER FILE IS DATED 07 JULY 2010.

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FILE 'HOME' ENTERED AT 10:04:10 ON 07 FEB 2011

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FULL ESTIMATED COST	0.23	0.23

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DICTIONARY FILE UPDATES: 6 FEB 2011 HIGHEST RN 1262198-76-4

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TSCA INFORMATION NOW CURRENT THROUGH June 26, 2010.

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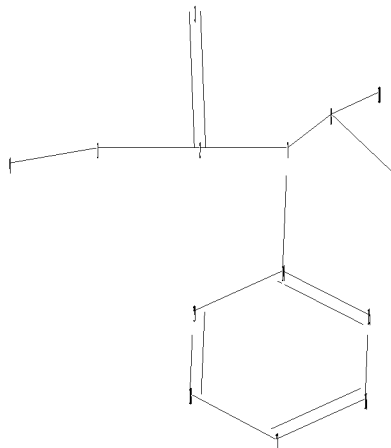
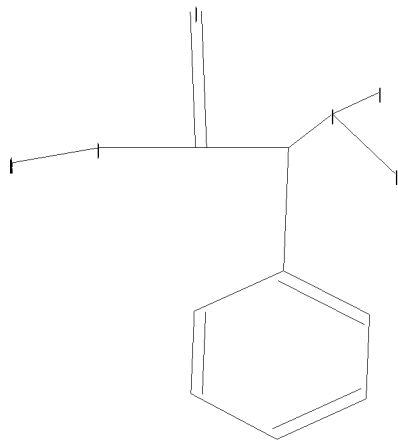
REGISTRY includes numerically searchable data for experimental and  
predicted properties as well as tags indicating availability of

experimental property data in the original document. For information on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stngen/stdoc/properties.html>

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exact/norm bonds :  
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normalized bonds :  
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G1:Hy,Ak

G2:H,Cb,Ak

G3:H,Ak

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15:Atom 16:Atom 17:Atom 18:Atom 19:Atom  
Generic attributes :  
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Element Count :  
Node 4: Limited  
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FILE COVERS 1907 - 7 Feb 2011   VOL 154 ISS 7  
FILE LAST UPDATED: 6 Feb 2011   (20110206/ED)  
REVISED CLASS FIELDS (/NCL) LAST RELOADED:   Oct 2010  
USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE:   Oct 2010

Caplus now includes complete International Patent Classification (IPC) reclassification data for the fourth quarter of 2010.

CAS Information Use Policies apply and are available at:

<http://www.cas.org/legal/infopolicy.html>

This file contains CAS Registry Numbers for easy and accurate substance identification.

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L3                   6 L2  
  
=> d l3 1-6 ibib hitstr

L3   ANSWER 1 OF 6   CAPLUS   COPYRIGHT 2011 ACS on STN  
ACCESSION NUMBER:       2008:1072770   CAPLUS  
DOCUMENT NUMBER:       149:324117  
TITLE:                Enantiomers of amino-phenyl-acetic acid  
                      octadec-9-(Z)-enyl ester, their salts and their uses  
INVENTOR(S):           Herzig, Yaacov; Sterling, Jeffrey; Ioffe, Vladimir;  
                      Raizi, Yuriy; Miskolczi, Istvan; Zekany, Andras  
PATENT ASSIGNEE(S):    Teva Pharmaceutical Industries, Ltd., Israel; Teva  
                      Pharmaceuticals USA, Inc.  
SOURCE:               PCT Int. Appl., 28pp.



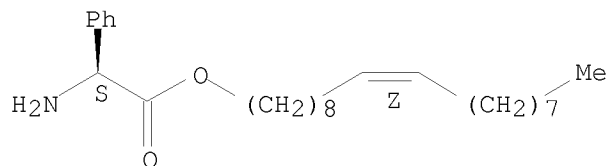
CODEN: PIXXD2  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

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WO 2008106092	A1	20080904	WO 2008-US2472	20080225
W: AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MT, NL, NO, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM US 20080221209 A1 20080911 US 2008-72405 20080225 EP 2114155 A1 20091111 EP 2008-726056 20080225 R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LI, LT, LU, LV, MC, MT, NL, NO, PL, PT, RO, SE, SI, SK, TR IN 2009DN06191 A 20100702 IN 2009-DN6191 20090925 PRIORITY APPLN. INFO.: US 2007-903738P P 20070226 WO 2008-US2472 W 20080225				

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT

IT 1050481-20-3P 1050481-21-4P 1050481-22-5P  
1050481-23-6P  
RL: PAC (Pharmacological activity); PRP (Properties); PUR (Purification or recovery); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)  
(enantiomers of amino-phenyl-acetic acid octadec-9-(Z)-enyl ester, their salts and their uses)  
RN 1050481-20-3 CAPLUS  
CN Benzeneacetic acid,  $\alpha$ -amino-, (9Z)-9-octadecen-1-yl ester, hydrochloride (1:1), ( $\alpha$ S)- (CA INDEX NAME)

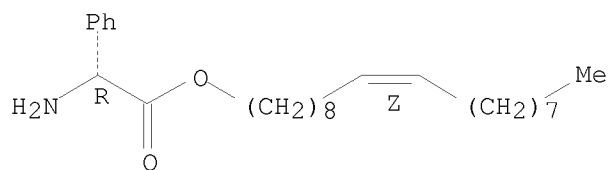
Absolute stereochemistry.  
Double bond geometry as shown.



● HCl

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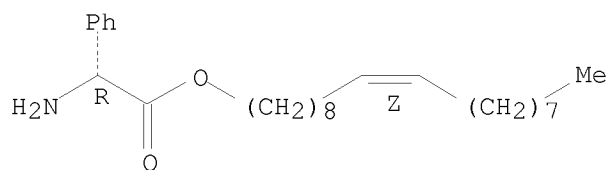
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Double bond geometry as shown.



● HCl

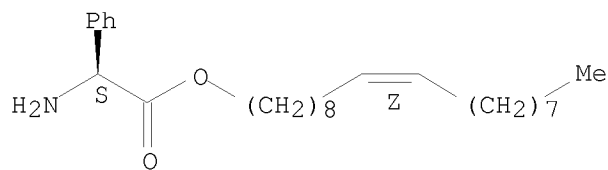
RN 1050481-22-5 CAPLUS  
 CN Benzeneacetic acid,  $\alpha$ -amino-, (9Z)-9-octadecen-1-yl ester,  
 ( $\alpha$ R)- (CA INDEX NAME)

Absolute stereochemistry.  
 Double bond geometry as shown.



RN 1050481-23-6 CAPLUS  
 CN Benzeneacetic acid,  $\alpha$ -amino-, (9Z)-9-octadecen-1-yl ester,  
 ( $\alpha$ S)- (CA INDEX NAME)

Absolute stereochemistry.  
 Double bond geometry as shown.



REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS  
 RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 2 OF 6 CAPLUS COPYRIGHT 2011 ACS on STN  
 ACCESSION NUMBER: 2008:1071036 CAPLUS  
 DOCUMENT NUMBER: 149:299875  
 TITLE: Use of long-chain alcohol derivatives for the  
 treatment of alopecia areata  
 INVENTOR(S): Hayardeny-Nisimov, Liat  
 PATENT ASSIGNEE(S): Teva Pharmaceutical Industries, Ltd., Israel; Teva  
 Pharmaceuticals Usa, Inc.  
 SOURCE: PCT Int. Appl., 31pp.  
 CODEN: PIXXD2  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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    PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM,
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    TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD,
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    AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
US 20080221115      A1      20080911      US 2008-72304      20080225
EP 2117301          A1      20091118      EP 2008-726055      20080225
R:  AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU,
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    SK, TR
PRIORITY APPLN. INFO.:      US 2007-903784P      P 20070226
                                WO 2008-US2471      W 20080225

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ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT

OTHER SOURCE(S): CASREACT 149:299875; MARPAT 149:299875

IT 769119-20-2P 1050481-20-3P 1050481-21-4P

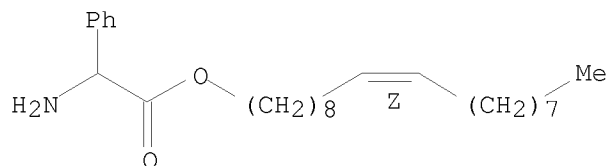
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU  
(Therapeutic use); BIOL (Biological study); PREP (Preparation); USES  
(Uses)

(use of long-chain alc. derivs. for treatment of alopecia areata)

RN 769119-20-2 CAPLUS

CN Benzeneacetic acid,  $\alpha$ -amino-, (9Z)-9-octadecen-1-yl ester (CA INDEX  
NAME)

Double bond geometry as shown.

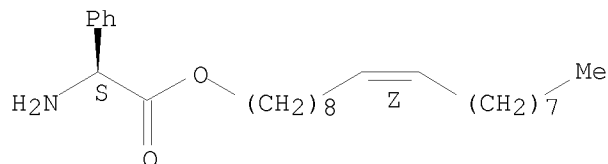


RN 1050481-20-3 CAPLUS

CN Benzeneacetic acid,  $\alpha$ -amino-, (9Z)-9-octadecen-1-yl ester,  
hydrochloride (1:1), ( $\alpha$ S)- (CA INDEX NAME)

Absolute stereochemistry.

Double bond geometry as shown.

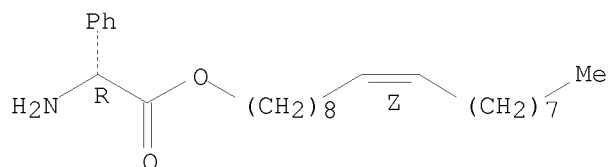


● HCl

RN 1050481-21-4 CAPLUS

CN Benzeneacetic acid,  $\alpha$ -amino-, (9Z)-9-octadecen-1-yl ester,  
hydrochloride (1:1), ( $\alpha$ R)- (CA INDEX NAME)

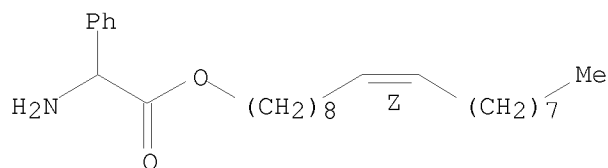
Absolute stereochemistry.  
Double bond geometry as shown.



● HCl

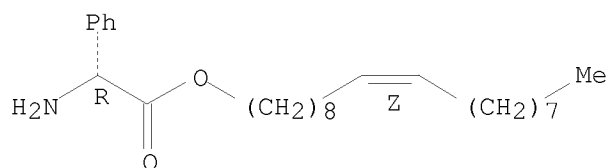
IT 769119-20-2D, salts 1050481-22-5  
1050481-22-5D, salts 1050481-23-6  
1050481-23-6D, salts  
RL: PAC (Pharmacological activity); THU (Therapeutic use); BIOL  
(Biological study); USES (Uses)  
(use of long-chain alc. derivs. for treatment of alopecia areata)  
RN 769119-20-2 CAPLUS  
CN Benzeneacetic acid,  $\alpha$ -amino-, (9Z)-9-octadecen-1-yl ester (CA INDEX  
NAME)

Double bond geometry as shown.



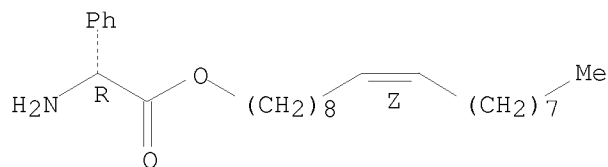
RN 1050481-22-5 CAPLUS  
CN Benzeneacetic acid,  $\alpha$ -amino-, (9Z)-9-octadecen-1-yl ester,  
( $\alpha$ R)- (CA INDEX NAME)

Absolute stereochemistry.  
Double bond geometry as shown.



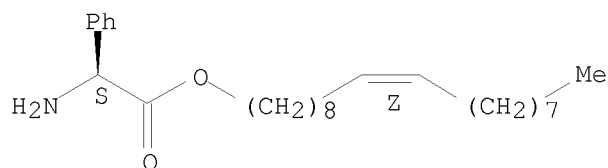
RN 1050481-22-5 CAPLUS  
CN Benzeneacetic acid,  $\alpha$ -amino-, (9Z)-9-octadecen-1-yl ester,  
( $\alpha$ R)- (CA INDEX NAME)

Absolute stereochemistry.  
Double bond geometry as shown.



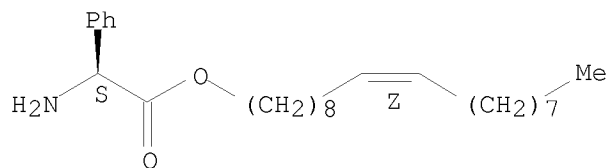
RN 1050481-23-6 CAPLUS  
 CN Benzeneacetic acid,  $\alpha$ -amino-, (9Z)-9-octadecen-1-yl ester,  
 ( $\alpha$ S)- (CA INDEX NAME)

Absolute stereochemistry.  
 Double bond geometry as shown.



RN 1050481-23-6 CAPLUS  
 CN Benzeneacetic acid,  $\alpha$ -amino-, (9Z)-9-octadecen-1-yl ester,  
 ( $\alpha$ S)- (CA INDEX NAME)

Absolute stereochemistry.  
 Double bond geometry as shown.



REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS  
 RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 3 OF 6 CAPLUS COPYRIGHT 2011 ACS on STN  
 ACCESSION NUMBER: 2004:331902 CAPLUS  
 DOCUMENT NUMBER: 140:350562  
 TITLE: Basic esters of fatty alcohols and their use as  
 antiinflammatory or immunomodulatory agents  
 INVENTOR(S): Shinitzky, Meir; Cohen, Irun R.; Margalit, Raanan;  
 Herzig, Yaacov; Sterling, Jeffrey; Toth, Gyorgy;  
 Miskolczi, Istvan; Rantal, Ferenc; Tamas, Tivadar  
 PATENT ASSIGNEE(S): Yeda Research and Development Co. Ltd., Israel  
 SOURCE: PCT Int. Appl., 106 pp.  
 CODEN: PIXXD2  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004032824	A2	20040422	WO 2003-IL820	20031009
WO 2004032824	A3	20040826		

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW  
 RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

CA 2501318	A1	20040422	CA 2003-2501318	20031009
AU 2003269466	A1	20040504	AU 2003-269466	20031009
AU 2003269466	B2	20090820		
BR 2003014554	A	20050809	BR 2003-14554	20031009
CN 1703394	A	20051130	CN 2003-80101149	20031009
JP 2006502213	T	20060119	JP 2004-542766	20031009
ZA 2005002613	A	20061025	ZA 2005-2613	20031009
NZ 539106	A	20070223	NZ 2003-539106	20031009
RU 2337093	C2	20081027	RU 2005-114374	20031009
IN 2005DN01363	A	20090109	IN 2005-DN1363	20050405
MX 2005003870	A	20050622	MX 2005-3870	20050408
NO 2005002229	A	20050706	NO 2005-2229	20050509
US 20060173053	A1	20060803	US 2003-530776	20051219
PRIORITY APPLN. INFO.:			US 2002-417157P	P 20021010
			WO 2003-IL820	W 20031009

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT

OTHER SOURCE(S): MARPAT 140:350562

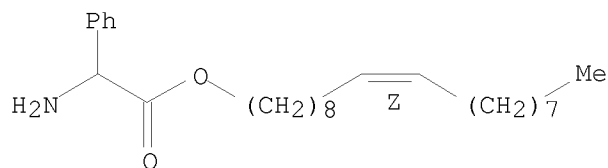
IT 681235-45-0

RL: PAC (Pharmacological activity); THU (Therapeutic use); BIOL (Biological study); USES (Uses)  
 (basic esters of fatty alcs. and use as antiinflammatory or immunomodulatory agents)

RN 681235-45-0 CAPLUS

CN Benzeneacetic acid,  $\alpha$ -amino-, (9Z)-9-octadecen-1-yl ester, hydrochloride (1:1) (CA INDEX NAME)

Double bond geometry as shown.



● HCl

OS.CITING REF COUNT: 4 THERE ARE 4 CAPLUS RECORDS THAT CITE THIS RECORD (4 CITINGS)

REFERENCE COUNT: 9 THERE ARE 9 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 4 OF 6 CAPLUS COPYRIGHT 2011 ACS on STN

ACCESSION NUMBER: 1994:124421 CAPLUS

DOCUMENT NUMBER: 120:124421

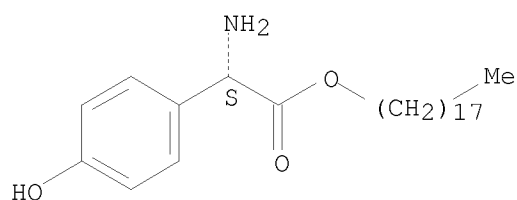
ORIGINAL REFERENCE NO.: 120:21713a, 21716a

TITLE: Further studies on the adjuvantcity of stearyl tyrosine and ester analogs

AUTHOR(S): Penney, Christopher L.; Ethier, Daniele; Dionne,

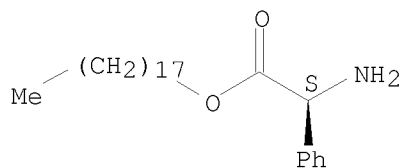
Gervais; Nixon-George, Ann; Zaghouani, Habib; Michon, Francis; Jennings, Harold; Bona, Constantin A.  
 CORPORATE SOURCE: BioChem Pharma Inc., Laval, QC, H7V 1B7, Can.  
 SOURCE: Vaccine (1993), 11(11), 1129-34  
 CODEN: VACCDE; ISSN: 0264-410X  
 DOCUMENT TYPE: Journal  
 LANGUAGE: English  
 IT 153116-71-3 153116-72-4 153116-73-5  
 153116-74-6 153859-77-9  
 RL: BIOL (Biological study)  
 (adjuvancy of, structure in)  
 RN 153116-71-3 CAPLUS  
 CN Benzeneacetic acid,  $\alpha$ -amino-4-hydroxy-, octadecyl ester, (S)- (9CI)  
 (CA INDEX NAME)

Absolute stereochemistry.



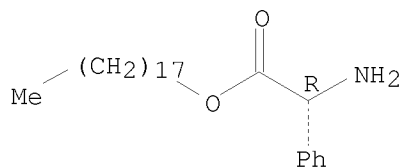
RN 153116-72-4 CAPLUS  
 CN Benzeneacetic acid,  $\alpha$ -amino-, octadecyl ester, (S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

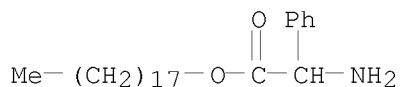


RN 153116-73-5 CAPLUS  
 CN Benzeneacetic acid,  $\alpha$ -amino-, octadecyl ester, (R)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

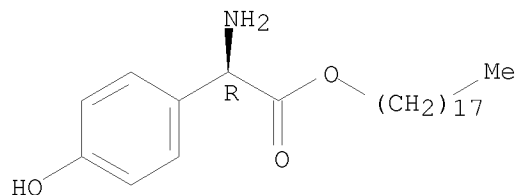


RN 153116-74-6 CAPLUS  
 CN Benzeneacetic acid,  $\alpha$ -amino-, octadecyl ester (CA INDEX NAME)



RN 153859-77-9 CAPLUS  
 CN Benzeneacetic acid,  $\alpha$ -amino-4-hydroxy-, octadecyl ester, (R)- (9CI)  
 (CA INDEX NAME)

Absolute stereochemistry.



OS.CITING REF COUNT: 2 THERE ARE 2 CAPLUS RECORDS THAT CITE THIS RECORD  
 (2 CITINGS)

L3 ANSWER 5 OF 6 CAPLUS COPYRIGHT 2011 ACS on STN

ACCESSION NUMBER: 1992:136219 CAPLUS  
 DOCUMENT NUMBER: 116:136219  
 ORIGINAL REFERENCE NO.: 116:22893a,22896a  
 TITLE: Vaccine compositions containing alkyl compounds  
 conjugated with polypeptides as immunoadjuvants  
 INVENTOR(S): Penny, Christopher L.  
 PATENT ASSIGNEE(S): North American Vaccine Inc., Can.  
 SOURCE: PCT Int. Appl., 35 pp.  
 CODEN: PIXXD2

DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9116926	A1	19911114	WO 1991-CA144	19910501
W: AT, AU, BB, BG, BR, CA, CH, DE, DK, ES, FI, GB, HU, JP, KP, KR, LK, LU, MC, MG, MW, NL, NO, PL, RO, SD, SE, SU				
RW: AT, BE, BF, BJ, CF, CG, CH, CI, CM, DE, DK, ES, FR, GA, GB, GR, IT, LU, ML, MR, NL, SE, SN, TD, TG				
IN 172520	A1	19930911	IN 1991-CA317	19910424
ZA 9103214	A	19920930	ZA 1991-3214	19910429
CA 2082425	A1	19911108	CA 1991-2082425	19910501
AU 9177779	A	19911127	AU 1991-77779	19910501
JP 05506234	T	19930916	JP 1991-508106	19910501
EP 597838	A1	19940525	EP 1991-908598	19910501
EP 597838	B1	19981202		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE				
HU 65493	A2	19940628	HU 1992-3480	19910501
AT 173936	T	19981215	AT 1991-908598	19910501
ES 2124701	T3	19990216	ES 1991-908598	19910501
CN 1056816	A	19911211	CN 1991-102899	19910507
NO 9204271	A	19930107	NO 1992-4271	19921106
PRIORITY APPLN. INFO.:			US 1990-518460	A 19900507
			WO 1991-CA144	A 19910501

OTHER SOURCE(S): MARPAT 116:136219

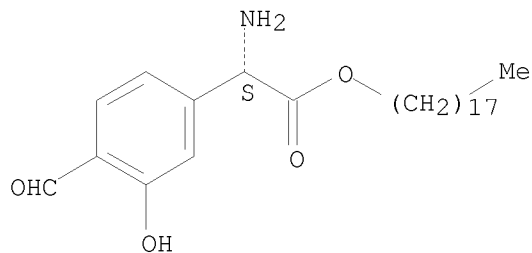
IT 139254-15-2D, conjugates with polypeptides  
 RL: BIOL (Biological study)  
 (immunoadjuvant)

RN 139254-15-2 CAPLUS  
 CN Benzeneacetic acid,  $\alpha$ -amino-4-formyl-3-hydroxy-, octadecyl ester,



(S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



OS.CITING REF COUNT: 6 THERE ARE 6 CAPLUS RECORDS THAT CITE THIS RECORD  
(6 CITINGS)  
REFERENCE COUNT: 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 6 OF 6 CAPLUS COPYRIGHT 2011 ACS on STN

ACCESSION NUMBER: 1983:540342 CAPLUS

DOCUMENT NUMBER: 99:140342

ORIGINAL REFERENCE NO.: 99:21577a,21580a

TITLE: Synthesis and some pharmacological properties of alkyl  
esters of various  $\omega$ -phenyl DL-amino acids

AUTHOR(S): Schulz, Elisabeth; Sprung, W. D.; Kroening, G.

CORPORATE SOURCE: Inst. Pharmakol. Toxikol., Wilhelm-Pieck-Univ.,  
Rostock, Ger. Dem. Rep.

SOURCE: Pharmazie (1983), 38(5), 310-13

CODEN: PHARAT; ISSN: 0031-7144

DOCUMENT TYPE: Journal

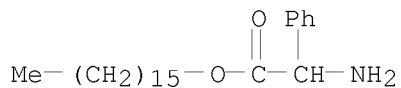
LANGUAGE: German

IT 87252-82-2P

RL: SPN (Synthetic preparation); PREP (Preparation)  
(preparation and spasmolytic activity of)

RN 87252-82-2 CAPLUS

CN Benzeneacetic acid,  $\alpha$ -amino-, hexadecyl ester, hydrochloride (1:1)  
(CA INDEX NAME)



● HCl

OS.CITING REF COUNT: 4 THERE ARE 4 CAPLUS RECORDS THAT CITE THIS RECORD  
(4 CITINGS)

=> FIL STNGUIDE

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

41.30

238.39

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FILE CONTAINS CURRENT INFORMATION.  
LAST RELOADED: Feb 4, 2011 (20110204/UP).

=> FIL CAPLUS

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.96	239.35

FILE 'CAPLUS' ENTERED AT 10:30:57 ON 07 FEB 2011  
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FILE COVERS 1907 - 7 Feb 2011 VOL 154 ISS 7  
FILE LAST UPDATED: 6 Feb 2011 (20110206/ED)  
REVISED CLASS FIELDS (/NCL) LAST RELOADED: Oct 2010  
USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE: Oct 2010

CAPLUS now includes complete International Patent Classification (IPC) reclassification data for the fourth quarter of 2010.

CAS Information Use Policies apply and are available at:

<http://www.cas.org/legal/infopolicy.html>

This file contains CAS Registry Numbers for easy and accurate substance identification.

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